

# **Guru Gobind Singh Indraprastha University**

"A State University established by the Govt. Of NCT Delhi" Sector 16-C, Dwarka, New Delhi – 110078



F. No.: GGSIPU/CCGPC/2023/<u>832</u>

22<sup>nd</sup> December 2023

Sub. Internship cum placement opportunity for students of USICT and USMS, GGSIP University of the batch passing out in year 2024 in the company "Dhwani Rural Information System Pvt. Ltd"

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Internship cum placement opportunity for students of USICT and USMS, GGSIP University of the batch passing out in year 2024 in the company "Dhwani Rural Information System Pvt. Ltd" for your reference and circulation to students to apply on given link by **24**<sup>th</sup> **December 2023:** 

Registration Link - <a href="https://forms.gle/Qw9qoXSh5ZU1bRe48">https://forms.gle/Qw9qoXSh5ZU1bRe48</a>

Name of Company – Dhwani Rural Information System Pvt. Ltd

Role – SDE Intern & Analyst Intern

### Eligible Degrees -

- For SDE Intern B.Tech, MCA and M.Tech, 2024 passing out batch from USICT
- For Analyst MBA, 2024 passing out batch from USMS

**Internship Duration:** 3-6 Months

**Stipend :** INR 15K - 20K fixed stipend & CTC range will be INR 4.0 – 6.0 LPA

### **Interview Process:** (Interview Medium Mixed)

- 1. Profile Screening Round (Online)
- 2. 1st Round Interview
- 3. Final Round Interview

Location Details- Gurgaon

JDs attached for more information.

LAST DATE FOR REGISTRATION IS 24th December 2023.

(**Dr. Nisha Singh**)
Training and Placement Officer

CCGPC, GGSIP University





# TECH FOR SOCIAL IMPACT

We are Development Sector Professionals first and Technology Providers Later

☐ hiring@dhwaniris.com

@www.dhwaniris.com

# Software Engineer Intern Dhwani Rural Information Systems

• FULL TIME

• EXPERIENCE (0-1 YEARS)

•GURGAON

### **About Dhwani:**

<u>Dhwani Rural Information Systems</u> is a Delhi NCR, India headquartered 7+-year-old social/development sector focused advisory and consulting firm. With a robust team of 150+ ICT4D professionals, Dhwani RIS develops IT applications for NGOs, Government functionaries, CSRs, International Funding Organizations, etc. to manage their projects and programs in India and abroad. We are a team of young dynamic, development-conscious tech - enablers and problem solvers consisting of a diverse mix of development professionals, technology enthusiasts, software engineers, and analysts. Our solutions enable organizations to monitor and evaluate their programs for maximum impact and operate seamlessly across everyday operations.

### Job Overview:

At Dhwani, we're looking for a software developer intern to join our team and help us create the next generation of products. As a software developer intern, you will be working with our team of developers to create new features and functionality for our products. You will also be responsible for researching and resolving software defects. In addition, you will be assisting with the development of test plans and test cases. To be successful in this role, you should have experience or good technical knowledge of HTML, CSS, JavaScript or Node.js.

### **Duties & Responsibilities:**

- Assist in the development of software applications and components according to specifications
- Assist in the coding, testing, and debugging of new software or enhancements to existing software
- Assist in the documentation of software development process
- Adhere to company standards for quality and productivity
- Understand basic concepts of software development life cycle
- Understand company's business domain
- Have a basic understanding of at least one programming language
- Be able to work independently with little supervision
- Be able to take direction from senior developers and software architects
- Be able to work effectively in a team environment
- Possess strong analytical and problem-solving skills

### **Required Skills:**

- Solid understanding of object-oriented programming concepts
- Experience with at least one major programming language (Java, JavaScript etc.)
- Ability to work independently and as part of a team
- Excellent problem solving and debugging skills
- Strong written and verbal communication skills
- Experience with web development technologies (HTML, CSS, JavaScript, PHP, etc.)

- Experience with databases (MySQL, Oracle, MongoDB, etc.)
  Experience with software development tools (Eclipse, Visual Studio, Git, etc.)
- Familiarity with Agile development methodology
- Good Knowledge of JSON, API and JWT

# **Educational Qualification:**

B-Tech-IT/M-Tech -/MBA- IT/ BCA /MCA or any degree in the relevant field

<b>How to apply:</b> Interested candidates can apply at:	
https://dhwaniris.keka.com/careers/	





# **TECH FOR SOCIAL IMPACT**

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# Analyst Dhwani Rural Information Systems

• Full Time • Experience (0-1 Years) • Delhi-NCR

### **About Dhwani:**

Dhwani Rural Information Systems is a Delhi NCR, India headquartered 6+-year-old social/development sector-focused advisory and consulting firm. With a robust team of 100+ ICT4D professionals, Dhwani RIS develops IT applications for NGOs, Government functionaries, CSRs, International Funding Organizations, etc. to manage their projects and programs in India and abroad. We are a team of young dynamic, development-conscious tech -enablers and problem solvers consisting of a diverse mix of development professionals, technology enthusiasts, software engineers, and analysts. Our solutions enable organizations to monitor and evaluate their programs for maximum impact and operate seamlessly across everyday operations.

### Job Overview:

Dhwani is looking for candidates who are interested to learn and know about leveraging data and technology for social good and can work with and support multiple teams and stakeholders to manage delivery of multiple projects using our Tech Platforms for CSR Grant Management and M&E requirements of clients.

# **Roles & Responsibilities:**

- Support in problem-solving and ideating for solutions through our platforms and tech custom solutions
- Ensure effective and frequent communication with internal and external stakeholders through sharing detailed workplans, project governance decks, and minutes
- Support primary and secondary research to arrive at insights required to solve problems
- Support on Qualitative and quantitative analysis
- Support in creating notes/decks/databases/excel to ensure efficient delivery of quality client-facing products
- Support in the documentation of learnings to create reusable knowledge from the project
- Go beyond your own deliverables to support others in the larger organization where required

# **Essential Requirements:**

- Bachelor's degree in business, economics, commerce, mathematics, or statistics
- Prior experience in data (basic data analysis) and presentations Natural inclination towards startups, softwares and latest IT solutions
- Hands-on experience with tools like MSOffice, (preferable: strong skills in Excel, R, etc.)
- Strong knowledge of communication practices and techniques
- Outstanding written and verbal communication skills
- Must be able to multitask and work well under pressure
- Excellent organizational and leadership abilities

# **Key words:**

Data, Tech, Dashboards, M&E, Analysis, Impact, Excel, Platforms

How to apply:

Please fill in the form on:

https://dhwaniris.keka.com/careers/











Swapnil
Co-founder
B.Tech, PGDM, IRMA



Sunandan Co-founder B.Tech, PGDM, IRMA

We are a team of full-time 150+ iCT4D professionals with experience in Social Sector & Technology domains. We constantly recruit from colleges such as IRMA, TISS, XISS, ISDM, APU and more.

### Social Sector Team Strength

- · Monitoring, Evaluation & Learning
- Grant & Project Management
- · NGO Project Management
- · Grassroot level understanding
- Understanding of technology and data for good

### **Technology Strength:**

- LAMP (Linux | Apache | MySQL | PHP)
- MEAN (MongoDB | Express | Angular | Node)
- · Native Android App Development
- · IT Project management
- Android (Flutter)



WHO WE ARE? OUR MOTIVATION.

01

**Mission** 

Support Social Purpose Organization in their Digital Transformation Journey by enabling adoption of *affordable*, *integrated*, *tailor-made tech* solutions within their program areas.

02

Why we started Dhwani

Social purpose organizations are aware that without technology they can't scale up operations, but don't know where to start & whom to trust. On the other side the tech companies avoid working in social sector space for various reasons.

# **CHALLENGES WERECOGNIZED IN SOCIAL SECTOR**



How do I collect data of

5000 farmers

in Maharashtra?

**10 NGOs** 

in the same format?



How do I track progress of

# Students in a small village



How do I reach to

# 50000 people online

and educate them about government schemes?



### **Dhwani** Rural Information Systems

# CHALLENGES WE RECOGNIZED IN SOCIAL SECTOR

# **CSRs**

How do I monitor and evaluate different programs across different organizations and then create compliance reports?

**Government Organizations** 

How do I digitize schemes and track their adaptability in the targeted audience?

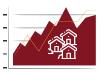


Why is it challenging to track beneficiary-level data and how do I tell a story from it?



# **Research Organizations**

How can I collect offline data in remote villages and how do I visualise this data?



# **CHALLENGES OF SOCIAL-PURPOSE ORGANIZATIONS**



Having limited knowledge of

# Technology's possibilities and potential



in data can be caused by manual processes.





Our problems/programs are unique, we need a tailormade solution, Short-term

**Project mode** 







# OURMISSION AFFORDABLE TECHNOLOGY FOR SOCIAL GOOD



# **Our Target Audience**



CSR Foundation & Philanthropies



NGOs and Social Enterprises



Governments and Multilaterals



Impact Investors and Research & Consulting Firm





# THEMATIC AREAS SOFAR







Livelihoods



**Education** 



**Climate Change** 



Financial inclusion



WASH



Gender and inclusion

# CTOFOR NON-PROFITS



Dhwani RIS aims to create a WhatsApp community where organizations & individuals can ask questions, resolve queries, and access data and technology adoption for their work. The group will be open only to individuals and organizations working in the social sector and preference is given to individuals that are representing the Data/Tech Team in their organisation.



# **Tech-Tuesday**

Dedicated week where we will discuss relevant ideas



### Queries

We aim to resolve your queries regarding data



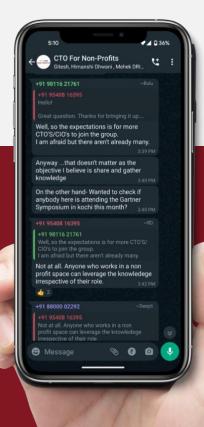
### **Webinars**

 With Tech experts and industry



# Consultancy

Sign up for free data & tech consult



# DATA & TECHNOLOGY NEEDS OF SOCIAL PURPOSE ORGANIZATIONS





# **Program MIS**

- Workflow mapped with processes
- Targets v/s
   Achievement
- Staff & resource monitoring
- Grant Management



# Org. Level Grant Management

- LFA analysis
- (Baseline/Endline)
- Impact indicators monitoring
- Alignment to SDG/PPI/GRI



# **Outreach**

- Awareness (SRH)
- Training
- Counselling
- · Grievance redressal



## Office Automation

- Payroll & HR
- Accounting
- Project Management
- Website/Social Media
- Email & Communication

# WE HAVE WORKED WITH DIVERSE SETS OF CLIENTS



# **CSRs/Corporates, Foundations & Philanthropies**













**NGOs & Social Enterprises** 







**Governments & Multilaterals** 





**TATA STEEL** 



























































**Research & Consulting Firms** 



unituscapital































# OUR ECOSYSTEMPARTNERS

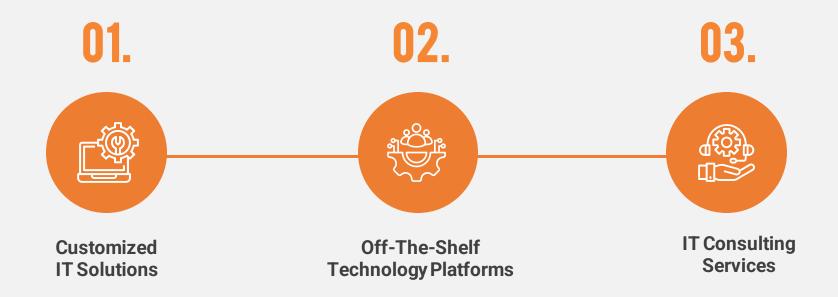












# **CUSTOMIZED IT SOLUTIONS**



# **Education**



Academic and Social Sector Research



Educators Capacity building



School ERP



Learning management system

# Health



Tuberculosis Patient Management



HIV Patient Management



(NCD) Management



Malnutrition Program Management

# **Agriculture and Rural Development**



Farmer Advisory Chatbot



FPO & ERP System



GPDP & VDP Platforms



MGNREGA Payment Tracking

# **eGovernance**



G2C, G2B, & G2G Applications



Social Welfare Scheme tracker



ULB Financial planning



Public Data Analytics



# OUR OFFERINGS OFF-THE-SHELF TECHNOLOGY PLATFORMS







- A web-based solution enabling organizations to manage end-to-end project development life-cycle.
- The mobile application allows grantees and partners to evaluate their achievements against their set targets.
- The platform supports receiving proposals, reviewing proposals based on the eligibility criteria set by the donors, and evaluating the proposed projects by the charity organisations, including NGOs, Foundations, Social Enterprises and much more.



# GRANT AND PROJECT MANAGEMENT PLATFORM FOR FUNDERS









Add KPIs



Integrate beneficiary data



Allocate budgets



Monitor & Visualise KPIs Budgets



**Create** reports

Create project and allocate users and permissions Add metrics to measure impact of the project Track beneficiaries easily through data collection tool Allocate budgets based on KPISs and activities Real-time visualizations of KPIs and monitor fund utilization Create annual and Compliances reports easilyv



# M&E&IMPACT ASSESSMENT TOOL



- A data collection and visualization platform designed with efficient task management capabilities to address your specific data collection needs.
- A user-friendly tool providing rich visualization ensuring data driven realtime decision making to ensure & enhance transparency and reliability.
- With the project-tracking feature, it's a one stop platform encapsulating dashboards, easy data migration, survey builder, training session and more.

# **Use Cases** Crop Life **IVR Surveys** Baseline, Market midline and Cycle Research endline surveys Service delivery Patient **Policy** Student Project Tracking tracking life cycle Research Life Cycle



# M&E AND IMPACT ASSESSMENT TOOL









Collect



**Monitor** 



Learn

Multiple forms within and project and assign users Collect Data online and offline through mobile app Monitor incoming data in real time

Create dashboards for visual representation.





Organization Data Systems Review



Mockups and Wireframe Development



Solution Arcitect



Tech Cost Estimation



Server Architecture Consulting



System Integration





Tech Contracts/ Proposal Reviews



Vendor Evaluation



Grant Proposal Writing

# **Dhwani** Surel Information Systems

# OUR SOFTWARES ARE BUILT ON THE FOLLOWING TECH STACKS

## Frontend







Database







Backend







Devops







Other











Mobile









# TYPE OF ORGANIZATION & TECH DEPLOYMENTS

# Dhwani has deployed data and technology solution for various stakeholders

Government Programs



Philanthropies
/Family Foundations



Select CSR/Foundation Experience



01

# CLF Business Planning, Loan Management and Annual Planning

**Work:** Web MIS, Mobile App and Custom Dashboards

**Scale:** Pilot across 50 Model CLF in UP, MP and Jharkhand

02

## Producer Group Grading, Business Planning and Accounting/Transaction

**Work:** Web MIS, Mobile App and Custom Dashboards

**Scale:** Pilot across 50 PG in UP, MP and Jharkhand



# Standardized Financial data dashboard of Indian cities

**Work:** Portal Development; All the 4000 Urban local bodies to upload their Financial Data (Expenditure, Revenue in public domain)

Scale: Pan India

vfinance.in



Status of water supply and water quality in rural housholds

Work: Mobile app, custom dashboard, custom reports for tracking of field progress of Jal Jeevan Mission activities

Scale: Pan India

Jal Jeevan Mission
Department of Drinking Water &
Sanitation





**GOVERNMENT PROGRAMS** 

01

## Grant Management & Impact Management Software

**Work:** : Mgrant software for tracking budget and impact target vs achievements

Scale: 300+ NGO partners

across India

# 02

# Dashboard for process tracking

**Work:** Setup of open-source dashboards for tracking processes of APPI & its grantee PHIA NGO

Scale: Pan India





# Skill Development MIS

**Work:** App, MIS, Dashboards, Track student journey from mobilization to placement

Scale: 10,000+ students

per year





# Data Driven Governance

**Work:** Custom Mobile App, Web MIS, Custom Dashboards

Scale: 25,000 villages

and 20 lakh beneficiaries

TATA TRUSTS

IAIA INOST

# **OTHER CLIENTS**









### **Amazon CSR**

- MGrant Platform for CSR lifecycle management
- Setup of M&E framework for partner NGOs
- Setup of survey tools on digital platforms
- Analysis of impact assessment data and recommendations to client
- · Pan-India

# amazon

# Godrej Group CSR

- Built a complete platform to manage all their CSR projects across 5 group companies
- NGO management and ensuring MIS compliance (Training & Follow up)

## **HDFC Bank CSR**

- **CSR Lifecycle** MGrant platform
- M&E framework digitization
- Approvals & permission workflows
- Mobile App for field data reporting
- Used by 300+ NGO partners

HDFC BANK

# **Reliance Foundation**

- Skilling Lifecycle Management Portal
- Student onboarding, registration, attendance, placement tracking
- Mobile App, Web MIS, Dashboards





# **Mahindra Group CSR**

Dhwani

- MGrant Platform for **CSR** lifecycle management
- Management of all CSR projects across 30+ group companies
- Grant & Impact management
- NGO due diligence. Schedule 7 Reporting, Annual Action Plan
- **Employee** Volunteering Module





# THEMATIC AREAS WISE TECHDEPLOYMENTS



Agriculture & Livelihoods



Healthcare



Skill Development/
Education



**Environment & Climate** 

Change



Gender Inclusions & Adolescents



Governance



Financial Inclusion & Government Scheme Inclusion



## **Livestock ERP System** for Goat and Poultry

Work: Web MIS, Mobile App for Profiling, On Demand and Scheduled Animal Services Delivery, Stock Management

Scale: 200 Pashu Sakhis and 25,000 Livestock Families





### Bihar Agriculture Growth & Reform Initiative(BAGRI) MIS

Work: Developed a web dashboard to track enrollment, trainings, financial performance, market linkages of FPOs & Producer groups

Scale: 67000+ farmers, 3000+ PGs, 20+ FPCs





### **Paydash**

Work: Custom solution for web scrapping attendance/muster roll/payments data from MGNREGA portal and expedite the payment process to MGNREGA workers

Scale: 35000+ GPs in MP, Jharkhand & Bihar



Dhwani





04

### **Price Derivation Portal**

**Work:** Web MIS, Mobile App; Developed a Price Derivation portal to derive daily collection center price

**Scale:** 35 Collections centers across 10 cities



05

# **Crop Insurance Digitization**

Work: Awarded grant by The World Bank, for innovative & integrated digital solution for crop insurance claim settlement, developed for GIZ India

Scale: Karnataka



06

# **QSure**

**Work:** Web MIS, Mobile App; Quality Management System for repackaging of Pulses

Scale: 10 Repackaging

Centers of BB



AGRICULTURE ANDLIVELIHOODS

# Usharmukti

Work: : Web Scraping of NREGA portal, Dashboard and reporting using BI Tool; Watershed level tracking and monitoring of NREGA naturalresource management works

Scale: 2,000 micro watersheds across 54 blocks of West Bengal



## **Impact Assessment Of Water Conservation Technologies**

Work: Conducting impact assessment of ground water recharge interventions on farmer's socio-economic growth

Scale: 150 farmers in 3-4 districts of Maharashtra



# Narmada Landscape **Restoration Project**

Work: Setup of data collection app and dashboard for impact assessment of the project

Scale: Madhya Pradesh





# Pavagada Solar Park **Impact Assessment**

Work: Setup of data collection app and dashboard for impact of the solar park on farmers in drought prone area

Scale: Farmers around Pavagada Solar Park in Karnataka







# Tribal Health and Nutrition Portal (Ministry of Tribal Affairs)

Work: Web Portal; Data Upload Panel Public Website and Dashboards to map Nutrition and health related vulnerabilities for Tribal population in India

Scale: Pan India



# 02

# Digital Life Care Web Portal and App

Work: Mobile app for screening and management of non communicable diseases, by ASHA Sub-Centres and PHC staff

Scale: Pan India



# Personalized HIV Patient Counselling App

Work: Web Portal, Mobile App; for assisting doctors with personalized suggestions based on past & present health data of each HIV patient

Scale: ART Centers in Mumbai





### **RISHTA**

Work: Web Portal, Mobile App; for profiling and counselling management of adolescents, for their Sexual & Reproductive Health

**Scale:** Farmers around Pavagada Solar Park in Karnataka





**Platform** 

# Ut

# Nutrition Fortification Dashboard

**Work:** Public Website and Dashboards for tracking state, district wise crop production, nutrient demand & supply data; simulation tool for policy researchers

Scale: Pan India

TATA TRUSTS



Work: Web MIS, Dashboards & Mobile App for profiling & tracking malnutrition status of children, women & patients in healthcare facilities

**Malnutrition Tracking** 

Scale: Pan India



serviced by client

# Adolescents Health Tracking Platform

Work: Web Portal, Mobile App; for periodic tracking of sexual, reproductive health awareness & access related issues of adolescent boys & girls

Scale: ART Centers in Mumbai





### Skill MIS

Work: MIS, App and Dashboards; Mobilisation, Training, Placement, Post Placement, Follow Up Activities

Scale: 25,000+ Students

per year



### **Asaan MIS**

Work: MIS, App and Dashboards, Mobilisation, Training, Placement, Post Placement, Follow Up, Attendance, Course curriculum tracking

Scale: Pan India



### **ROTI MIS**

Work: MIS; Registration, Training and Placement of women beneficiaries

Scale: ART Centers in Mumbai







# **ETASHA Career Counselling app**

Work: Highly Interactive web and mobile responsive app for Haryana govt school students' career counselling

Scale: 5000+ school girls in 9th-12th grade in Haryana govt schools





# **School Admissions MIS for Haryana Govt**

Work: MIS for Haryana Govt for end-to-end digitization of admissions under Rule 134 A of the Haryana School Education Rules, 2003

Scale: Haryana



### Student Enrollment & Classroom **Activity Reporting MIS**

Work: MForm Mobile App & dashboard for st dent enrollment, batch creation, attendance, academic performance monitoring

Scale: Uttar Pradesh

SHIV NADAR FOUNDATION



# **Teacher Training &** Feedback Sharing App

Work: Web MIS, Mobile App for content sharing, assessments, live training sessions, feedback sharing by Punjab govt school teachers

Scale: Punjab

Breakthrough



**Learning Management System for Teachers** 

> Work: Web MIS, Mobile App for content sharing, assessments, live training sessions, performance tracking of primary school teachers

Scale: 1500+ teachers in

Bihar

## Village Development Plan

**Work:** Digital VDP; Village survey and need assessment, Auto VDP Preparation, SDG Mapping

**Scale:** 315 villages in Jharkhand and Orissa

### TATA TRUSTS

02

## **Technology Feasibility Study**

**Work:** Technology Feasibility Study for Citizen Rights Initiatives of Omidyar's fundee NGO Jan Sahas

Scale: PAN India



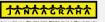
OMIDYAR NETWORK

03

### **City Finance Portal**

Work: Portal Development; All the 4000 Urban local bodies to upload their Financial Data (Expenditure, Revenue in public domain)

**Scale:** 4000 Urban Local Bodies across India





04

# Citizen Information Service Center

**Work:** Call center; Toll-Free Integration, Call Recording, Tele caller wise reporting

**Scale:** 50,000 calls handled via toll-free number





02

# 03



### 10 To19 Adolescents Collaborative M&E dashboard

**Work:** MFORM app for survey of adolescents in Jharkhand & dashboard for tracking of their progress on various outcomes related to health, education, inclusion, safety

**Scale:** 1200+ adolescents in Jharkhand state



### **Grievance Management System for Females**

**Work:** MForm app for profiling & monitoring grievances reported by gender grievance support desk

Scale: 1000+ women SHG members in Odisha





# BMGF Funded Project For Nutrition Assessment of Women In Agriculture

Work: Fieldsurveys, Mform app and dashboard for baseline & midline studies of nutrition availability and consumption by women farmers in eastern UP districts

Scale: 400+ women farmers in UP



GENDER INCLUSION & ADOLESCENTS

Geo Mapping Application for providing risk assessment support to member MFIs

Work: Custom Mobile App and MIS for data collection, approval, meeting minute capturing and location wise risk assessment for loan distribution by member MFIs of MFIN

Scale: Pan India



# 02

# Financial Literacy Training, Activity planning and tracking workers

**Work:** MForm app and dashboard for content sharing, training assessments and field activity data collection from field workers involved in financial inclusion programs

Scale: Pan India

# **CRISIL** Foundation



# 03



# Govt Scheme Entitlement Tracking

**Work:** MForm app and custom dashboard for profiling beneficiaries and tracking delivery of govt entitlements as per eligibility

Scale: Jharkhand



FINANCIAL INCLUSION & GOVT SCHEME

# Purpose:

Lead Management System

Target Audience: A Skill Training Institute looking to manage the entire process from Mobilization to Admission

Scale: Pan India



02

## Purpose:

Donor Management by a Non Profit

Target Audience: A small to medium NGO looking forward to manage there donor communication effectively

Scale: Pan India



03

### Purpose:

Toll-free based virtual call centers

**Target Audience:** Rural/Urban Population looking for access to knowledge and info about govt schemes/other entitlements by NGOs

Scale: Jharkhand



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