F. No. GGSIPU/CCGPC/2022/__316__
Dated: 29th January 2022

Sub. Placement opportunity for students of B.Tech and M.Tech 2022 batch in the company "KritiKal Solutions"

Dear Placement Officer,

Greetings from CCGPC, GGSIPU!!!

Please find below details of Placement opportunity for students of B.Tech and M.Tech 2022 batch in the company "KritiKal Solutions" for your reference and circulation to students to apply by 1st February 2022:

Registration Link – https://forms.gle/xaMqXJQaDxPMELPSA

Roles (JDs Attached) :
1) Embedded Hardware Engineer
2) Embedded Software Engineer
3) Software Engineer (Vision Systems) SSD KSPL
4) Software Engineer (Vision Systems) KSPL
5) Trainee (Vision Systems)

KritiKal Solutions
Future is unpredictable. True! How do we make it a little less daunting? By preparing for it; or even better, by being a part of its genesis. Kritikal Solutions - an amalgamation of Kriti (creations) and Kal (tomorrow) is a melting pot of ideas, where individuality is applauded, and ambition is considered the highest virtue!

Who are we?
In August of 2002, KritiKal became the first student-faculty led technology startup to have successfully incubated from within IIT-Delhi. The founders' vision – "Creations for Tomorrow" – encapsulated a two-point agenda – to build a company that produces cutting-edge technology products through disruptive innovation, and a company that effectively leverages the transfer of technology from academia to the industry. In addition to developing its own products and compiling a rich store of its own license-able intellectual property, KritiKal has in the last 16 years, been responsible for over 60 product realizations. It has worked with over 250 customers in North America, Europe, India and Southeast Asia.

JD -

1) **Embedded Hardware Engineer**

   Openings: 4
   CTC on offer: 5-6 LPA CTC
   Location: Noida

   Responsibilities
   - Working on hardware platforms development from concept, schematic design, testing through to successful manufacturing engaging with partners and suppliers, as necessary.
   - Create internal design documentation and presentations, including diagrams with technical explanations.

Candidate requirements
- B. Tech in Electronics & Communication
- 0–1 year relevant experience
- Self-motivated with aptitude for Electronics Hardware Design.
- Strong Electrical/Electronic engineering fundamentals.
- Cut-off percentage: 70% or equivalent CGPA
- Basic understanding of software development/knowledge of C/C++

2) Embedded Software Engineer

Openings: 2
CTC on offer: 5-6 LPA CTC
Location: Noida

Responsibilities
- Working on firmware development, and embedded application development
- Create internal design documentation and presentations, including diagrams with technical explanations.

Candidate requirements
- B. Tech in Electronics & Communication
- 0–1 year relevant experience
- Self-motivated with aptitude for Embedded Software Design.
- Strong software development/knowledge of C/C++ fundamentals.
- Cut-off percentage: 70% or equivalent CGPA
- Basic understanding of Electrical/Electronic engineering
- Strong understanding of the Microcontroller architectures
- Basic knowledge of protocols like SPI, I2C etc.

3) Software Engineer (Vision Systems)

About the role
This role requires the candidates to work with guidance on different types of projects in Software design and development. These projects will involve various software stack like ASP.Net Core, NodeJs, SQL Server, Angular, React and React Native. The candidate will be required to work on cutting edge technologies and work on various business domains.

Openings: 5
CTC on offer: 5.5-6.5 LPA CTC
Location: Noida & Bengaluru

Responsibilities
- Initial analysis
- Experimentation/Prototyping
- Testing
- Connect with different team members (Team Lead, Project Manager and other members of team) as required for the above

Candidate requirements
- B. Tech/ M. Tech in CSE/ECE/Electrical
- 0–1 year relevant experience
- Coding experience in .Net, Nodejs, Frontend JavaScript frameworks(React/Angular)
- The candidate should have done at least one software project.

4) Software Engineer (Vision Systems)

About the role

This role requires the candidates to work with guidance on different types of projects in Computer Vision, Image Processing and AI. In these projects they will be involved in initial analysis, experimentation, and testing. With some training and experience, they will also be required to contribute towards deployment. They would be required to code in C++ and python.

Openings: 5
CTC on offer: 5.5-6.5 LPA CTC
Location: Noida & Bengaluru

Responsibilities
- Initial analysis
- Experimentation/Prototyping
- Testing
- Connect with different team members (Team Lead, Project Manager and other members of team) as required for the above

Candidate requirements
- B. Tech/ M. Tech in CSE/ECE/Electrical
- 0–1 year relevant experience
- Coding experience in C++/python
- Knowledge of Computer Vision/Image Processing and/or Deep Learning
- The candidate should have done at least one project in Computer Vision.

5) Trainee (Vision Systems)

About the role

This role requires the candidates to work with guidance on different types of projects in Computer Vision, Image Processing and AI. In these projects they will be involved in initial analysis, experimentation, and testing. With some training and experience, they will also be required to contribute towards deployment. They would be required to code in C++ and python.

Openings: 5
Location: Noida & Bengaluru

Responsibilities
- Initial analysis
- Experimentation/Prototyping
- Testing
- Connect with different team members (Team Lead, Project Manager, and other members of team) as required for the above

Candidate requirements
- B. Tech/ M. Tech in CSE/ECE/Electrical (Final Year)
- Coding experience in C++/python
- Knowledge of Computer Vision/Image Processing and/or Deep Learning
- The candidate should have done at least one project in Computer Vision.

(Ms. Nisha Singh)
Placement Officer, CCGPC

VISION SYSTEMS (AI, MACHINE LEARNING)

Our vision systems services help you extract intelligence from Images, Video, and text and more. We do this using Machine Learning and Deep Learning architected over Mobile, Cloud, or Hybrid platforms.

SOFTWARE SYSTEMS (CLOUD & MOBILE)

We leverage our expertise in DevOps, Mobility, Testing, Cloud IoT, and Mobile Vision to build future-ready Web, Mobile, Software, and Cloud applications that are Fast, Secure, Efficient, Pixel-perfect and Scalable.

EMBEDDED SYSTEMS (HW & FW)

With strong experience in electronic circuit design, Prototyping, Simulation, and Testing, we can help you develop and integrate embedded microprocessors and micro-controller based platforms that rely on increasingly Complex Software Designs.

TALENT & TEAM BUILDING

Hired from TIER-1 institutes, our technically specialized pool of Developers, Designers, and Solutions Architects are trained on various technology verticals. Whether you need off-roll/contractual resources, we have you covered for any size of business/project requirements.

ABOUT US

FOUNDED IN **IIT DELHI**, 2002

"**KRITI**" FOR "**KAL**" :: CREATIONS FOR TOMORROW

KritiKal is a leading Product Engineering, R&D and Innovation Firm with expertise in Mobile Vision, Cloud Vision and Embedded Vision for various Business verticals.

The KritiKal Group:

- KritiKal Solutions Pvt Ltd (India)
- Vehant Technologies Pvt. Ltd. (India)
- KritiKal Solutions Inc. (USA)

WHY CHOOSE US?

- ☑ Expertise in Diverse Domains
- ☑ Varied Skill-sets, Experience & IP Base
- ☑ Product Life Cycle Expertise
- ☑ Engagement Models on Requirement Basis
- ☑ Strong Academic Linkages to Steer Innovation
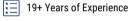- ☑ A Unique Business Model
- ☑ A Collaborative Approach

OUR STATS

- 250+ Clients Served
- 60+ Product Realizations
- 19+ Years of Experience
- 300+ Projects Completed
- ISO 9001:2015 | ISO/IEC 27001:2013 | QMS CMMI ML3

OUR ENGAGEMENT MODELS

- Based on Time spend & Material / Equipment used
- Predefined scope of work and well Defined Deliverables
- Co-invest and / or Co-develop research into market ready Prototypes
- Add technical resources to team based on additional skills required to support client's initiatives

TOOLS/PLATFORMS

Imagination · AWS Data Pipeline · Cloud Vision API · OpenCV · aws · Linux · Android · Apple · Angular · PROTEUS CAD CONNECTED · Atmel Studio · MPLAB X IDE · STM32 Cube · DS SOLIDWORKS

OUR PRODUCTS & SOLUTIONS

Face & Hair Analysis

Traffic & City Surveillance

Assistive Technology

Interactive Learning Solutions

Driver & Vehicle Performance Monitoring

OCR Based Document Digitization

LET'S TALK

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