18.5.2021

Notice: Campus drive for 2022 batch B.E./M.E. (E & C/IT) by Matrix Comsec (Registration form already shared with concerned class separately)

Matrix Comsec is one of the leading Product/Solution Design companies of India, located at Vadodara - The emerging IT Hub of Gujarat. We are the first of its kind Research & Development company as part of the "Make In India" forum and we have developed our expertise in designing and manufacturing products & solutions such as - **Video Surveillance, People Mobility and Unified Communication**.

Matrix Mission Statement: (What exactly we do)

Matrix offers cutting -edge, high-performance security and telecom solutions to business customers.

Matrix Vision Statement: (What we want to be; our aspirations)

To be a world-leader in innovative security and telecom solutions.

Matrix Values: (What we strive for)

Infusing New Talent, Meritocracy over Seniority, Gender Biasness, Business First and First Time Right approach to everything we do.

Why Matrix???

MATRIX OFFERS MORE	YOU GET MORE
Design and Development Organization	Get exposure on complete Product development life cycle
3 Domains (Video Surveillance, People Mobility, Unified Communication)	Get exposed to multiple products, solutions and technologies
Attractive Packages	Financial growth based on superlative performance

Gender equality	Equal opportunity
Meritocracy over seniority	Expertise over experience - Talent is above all
Multiple products	Ample work opportunity for continuous improvement
Early Adopter of Technology	Be the first one - Work on latest technologies like Deep Learning, Mobile Applications, .Net, Embedded and many more
Process oriented work	Robust and methodical working pattern
Incentives policy	Based on performance
Flexi Policies	Maintain Work-Life Balance

In our journey to the top, we are in search of TALENT who can shape up the future of Matrix by the means of Expertise, Accountability and Collaboration. We are looking forward to your support by giving us a chance to interact and interview your students.

List of positions:

- Associate Engineer - Software Development
- Associate Engineer - Software Verification
- Associate Engineer - System Engineering
- Associate Engineer - Product Management

Eligibility Criteria:

- 60% throughout SSC till Engineering

Eligible streams:

1. BE/B.Tech OR ME/M.Tech – Electronics & Telecommunications
2. BE/B.Tech OR ME/M.Tech – Information Technology
3. BE/B.Tech OR ME/M.Tech – Computer Science
4. ME/M.Tech (With specialization/subject in **Image Tuning**)

Also, we will be more than happy to connect with your Alumnis for all the positions, so do share their details/information to consider them as well for the said positions.

For other positions:

Interview Process:

- General Aptitude Test
- Technical Test based on C, C++ and Embedded
- C Coding
- Technical discussion with team leader
- HR Round

Job Descriptions

.Net Developer:

- Basics and Fundamental knowledge should be good in C#, ASP.Net and SQL, (Willing to work on Web Based/Desktop Based Applications)

- Good knowledge on MVC, Angular-JS and Bootstrap is good to have

- Hardware Designer:

- Good knowledge in Hardware Design

- Good fundamental knowledge in Electronics and Communications

- Knowledge about Digital and Analog signals

- Strong fundamental understanding of Networking concepts

- Knowledge of different types of Microprocessors is an advantage

Embedded Developer:

- Knowledge on Embedded C.
- C Programming concepts should be very strong
- Linux kernel and device driver knowledge is good to have
- IPC – Inter Process Communication
- Multi-threading/Socket Programming/Synchronization knowledge is good to have
- Knowledge in Networking concepts and Hardware Peripherals is good to have
- Application Developer:
- Very strong knowledge in C and C++ Programming
- C Programming should be fundamentally strong
- Application Development knowledge

- Linux

- Knowledge on C and C++
- Needs to works on VC++ applications along with MFC
- Good knowledge required on networking
- Good Programming concepts
- Image Processing knowledge is plus

System Engineering:

- Should have knowledge for creating Business Requirement documents based on requirements of customer.
- Good basic networking knowledge is required
- Strong communication and articulation skills is required
- Very strong in logical and analytical skills

Product Management (PMT):

• **Creating PSD: Product Specification Document** -Understanding customer needs and Specifying New Features (in existing products) and New Products based on business requirements;

• **Ensuring Proper Product/Feature Delivery:** Being a part of product design and development processes, providing inputs to match specifications via reviews at specific stages and ensuring delivery timelines;

• **Product Specific Training:** Imparting product knowledge/awareness (upcoming features in existing products/new products) via product training to Sales/Marketing/Support (frontend teams);

• **Field Issues:** Handling field issues (verification/escalation, as and when needed) Support PMT R&D;

• **Product Feedback:** Understanding product impact on the market collecting/gathering product feedbacks/Suggestions for continual improvements, and nullifying loopholes.

Software Verification Engineer:

- Knowledge in Full Software Testing Life Cycle
- Good knowledge in Manual Testing concepts
- Aware of Database Testing
- SQL
- Good communication skills
- Strong Logical skills and reasoning skills
- Basic knowledge of networking concepts
- Any knowledge of Automation Testing using Selenium or QTP will be advantage

Mobile Apps

Knowledge of cross platform: Android, Xamarin, IOS

IVA

Project exposure in Image Processing using OpenCV Tool. Working on Machine Learning/Computer Vision/Deep Learning is highly preferredWorking exposure or knowledge with C/C++ ProgrammingAny exposure to projects like Object Detection/Motion Detection/Face Recognition is good to have.

Technical Support/Pre-Sales

Qualification: BE/B. Tech – EC ONLY

- Providing Support to Field (Domestic/Overseas) Engineers
- Trouble Shooting, Diagnosing and Resolving Product issues
- Log the Complaints in CRM
- Simulate the problems at Support Centre
- Report Product issues to Design & Software Team
- Provide prompt Solution to the Customer
- Knowledge Base Maintenance on Website
- Identify the Product Area that needs Training
- Identify the Field Engineers who need Training
- Design Training Modules
- Updating Training Modules
- Identify the Region where Training to be carried out

Training & Placement Officer