Rajiv Gandhi University of Knowledge Technologies

Job Announcement of **Efftronics Systems Pvt. Ltd.**

The T&P Team wishes to inform about a job opportunity at Efftronics Systems. Efftronics is looking for CSE, ECE, & EEE Graduates from the class 2025.

Job location – Mangalagiri - AP

CTC Offered- 5.3 LPA

CGPA: 7.5 and above throughout academics without any backlogs

Bond: 2.5 Year Bond with submission of all original certificates for the period.

Training/Internship: 6-Months

Greetings from Efftronics...!

We are excited to invite your esteemed institution to collaborate with us in shaping the future by hiring your talented students for various roles at Efftronics.

As a pioneer in developing smart solutions for the nation, Efftronics has been at the forefront of leveraging the latest technologies to contribute to building a smarter India.

With over 38 years of expertise, we develop smart, connected solutions that are driving innovation in sectors like railways and industry.

What We Do:

At Efftronics, we specialize in creating indigenous technology solutions that empower India's journey towards becoming a smart nation.

Our innovative solutions cover diverse domains such as Internet of Things (IoT), Artificial Intelligence (AI), Big Data, and more, allowing real-time monitoring and intelligent decision-making.

Our team has successfully built and maintained one of India's largest IoT networks for railways, ensuring safety and efficiency across 8000+ stations. With this mission to transform industries, we continuously seek passionate and skilled young minds to join us in this exciting journey.

Why Join Us?

Efftronics offers a unique opportunity for students to be involved in the complete lifecycle of smart solutions development. From ideation and design to deployment and testing, your students will gain hands-on experience working on cutting-edge technologies. Our collaborative and nurturing environment will enable them to work under the guidance of senior professionals, helping to lay a strong foundation for their long-term careers.

Positions Available:

Function	Role	Qualification	Pay scale - CTC
R&D	Embedded Engineer	B. E. / B. Tech. (EEE, ECE, EIE)	5.3 Lakh p.a.
R&D	Software Engineer	B. E. / B. Tech. (CSE, IT)	

Next Steps:

We look forward to your students participating in our recruitment drive. Kindly allow us to connect with your students through a campus drive, where we can identify the best talent and offer them rewarding careers at Efftronics.

We also extend an invitation to visit our R&D Center at IT Park, Mangalagiri, to learn more about our projects and how we are contributing to the nation's progress.

Selection Process:
- Written Test
- Technical round
- HR Interview
- Fitness Test

Area of Assessment:

EMBEDDED ENGINEER	
Sl no.	Topics
1	Analytical Ability and Problem Solving
2	Numerical Ability
3	Programmig simulator(only c)
4	Programming in Assembly and "C"
5	Basic Electronics
6	Digital Electronics
7	Micro Processors, Controllers&Peripherals
8	Data Communication

SOFTWARE ENGINEER	
Sl no.	Topics
1	Analytical Ability and Problem Solving
2	Numerical Ability
3	Programmig simulator(only c)
4	OOPs Concepts & Programming in 'C'
5	Data Base Management Systems
6	Data Structures
7	Computer Networks & Communiction
8	Operating Systems and Modeling

Terms & Conditions:
1. There would be 2.5 years agreement with the company wherein the Candidate needs to submit all his/her original Certificates for the agreement period.
2. Training period would be for a maximum period of 6 months.
3. Stipend of Rs.10,000/- per month during internship period
4. Minimum of 75 % throughout their academics without any Backlogs

Below given is Job Description, Knowledge and Capabilities required for each position:-

#1 Embedded Engineer
Job Role: The primary purpose of Embedded Engineer is to implement and test IoT based smart solutions and deliver outcomes within scope, quality, time, and cost constraints.

Explore and evaluate new technologies, implement algorithms, develop test plans, and perform system testing.

Job Responsibilities:

- Work as a part of product development team to develop IoT based smart products and solutions.
- Work hands-on with all aspects of research and development in identifying, exploring, and evaluating new technologies
- Follow Product Development Life Cycle; generate work products – Design, Code, Test Plans, Test Reports, and Manuals etc.
- Implement Algorithms
- Act as interface with R&D, production, and business arms to support customer project needs

Key Requirements:

- Minimum of 75% throughout their academics
- Good Knowledge of Analog Electronics
- Sound understanding of Digital Systems – Proficient in truth table and state machine approaches
- Must be exceptionally good in C- Programming, testing/debugging and in advanced C-concepts like pointers, structures, unions, interrupts etc.)
- Proficient in usage of data structures as per program needs and shall be able to write algorithms
- Proficient in ARM micro controllers and peripheral like - RS232, RS485, I2C, SPI, Ethernet, Bluetooth, Wi-Fi, ZigBee etc.
- Good knowledge about sensors and static characteristics
- Should be able to understand datasheets, its parameters and consideration of them in design
- Should be able to reverse engineer circuits / programs
- Good Knowledge of using IDE tools like Keil MDK ARM
- Good Knowledge of using Measuring instruments and tools – Digital Multimeter, CRO, Function generators etc.
- Excellent mathematical skills.
- Good written and verbal communication skills
- Hands-on knowledge on MSOFFICE tools.

#2 Software Engineer

Job Role: The primary purpose of Software Engineer is to implement and test IoT based platforms/applications and deliver outcomes within scope, quality, time, and cost constraints.

Explore and evaluate new technologies, develop Desktop/Web/Mobile Apps, implement algorithms, develop test plans, and perform system testing.

Job Responsibilities:

- Work as a part of product development team to develop IoT based smart products and solutions.
- Work hands-on with all aspects of research and development in translating requirements, designs, wireframes into high quality code by collaboration with designers, engineers, senior managers etc.
- Follow Product Development Life Cycle; generate work products – Design, Code, Test Plans, Test Reports, and Manuals etc.
- Implement Algorithms
- Act as interface with R&D, production, and business arms to support customer project needs

Key Requirements:

- Minimum of 75% throughout their academics
- Good understanding of Digital Systems – Proficient in truth table and state machine approaches
- Proficient in programming either of Java, .Net, JavaScript, C#
- Proficient in writing algorithms using data structures as per program needs
- Sound understanding of software architectures
- Strong understanding of object-oriented design (OOD) and software development principles
- Strong understanding of computer architecture and operating system
- Sound understanding of data communication technologies and protocols
- Good Knowledge of using Visual Studio IDE and tools
- Excellent mathematical skills.
- Good written and verbal communication skills
- Hands-on knowledge on MSOFFICE tools.

How to Apply: If meet the eligibility criteria and interested about this opportunity, please apply through the link **Apply Here** by **Sep 13, 2024, 4:30PM**.

Sd/-
T & P Office