



JOB ANNOUNCEMENT OF EFFTRONICS SYSTEMS PVT LTD

It is hereby informed to all Final Year(E4) students that the **EFFTRONICS SYSTEMS PVT. LTD.** would like to conduct recruitment drive for ECE, EEE & CSE current final year students. Interested & eligible students need to register in a given below link by **5th August 2022.**

Tentative Schedule of drive: 8th August 2022

JOB ROLES:

- A. Embedded Engineer
- B. Software Engineer

ELIGIBILITY CRITERIA:

Function	Role	Qualification	Pay scale – CTC
R&D	Embedded Engineer	B. E. / B. Tech. (EEE, ECE, EIE)	1) Embedded Engineer – 5.3 Lakh p.a. 2) Embedded Developer – 6.8 Lakh p.a. 3) IoT Engineer – 8.2 Lakh p.a.
R&D	Software Engineer	B. E. / B. Tech. (CSE, IT)	1) Software Engineer – 5.3 Lakh p.a. 2) Software Developer – 6.8 Lakh p.a. 3) Platform Developer – 8.2 Lakh p.a.

➤ Students might have to travel to Vijayawada (Company premises) for final round if required, by the company. This round is mandatory for the shortlisted candidates.

A. 1. JOB DESCRIPTION FOR THE ROLES OF EMBEDDED ENGINEER/EMBEDDED DEVELOPER

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, Manuals etc.
- Implement Algorithms
- Act as interface with R&D, production, and business arms to support customer project needs.

KEY REQUIREMENTS:

- Minimum of 70% 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 microcontrollers 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.

LINK FOR REGISTRATION: <http://tnp.rgukt.ac.in>

A. 2. JOB DESCRIPTION FOR THE ROLE OF IOT ENGINEER

JOB ROLE: The primary purpose of IoT Engineer is to design; implement and test IoT based smart solutions and deliver outcomes within scope, quality, time, and cost constraints. Explore and evaluate new technologies, design & develop device drivers, 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.
- Build Algorithms
- Act as interface with R&D, production, and business arms to support customer project needs.

KEY REQUIREMENTS:

- Minimum of 70% 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 microcontrollers 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.

LINK FOR REGISTRATION: <http://tnp.rgukt.ac.in>

B. 1. JOB DESCRIPTION FOR THE ROLES OF SOFTWARE ENGINEER/SOFTWARE DEVELOPER

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, Manuals etc.
- Implement Algorithms
- Act as interface with R&D, production, and business arms to support customer project need

KEY REQUIREMENTS:

- Minimum of 70% 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.

LINK FOR REGISTRATION: <http://tnp.rgukt.ac.in>

B. 2. JOB DESCRIPTION FOR THE ROLE OF PLATFORM DEVELOPER

JOB ROLE: The primary purpose of Platform Developer is to design; implement and test IoT based platforms/applications and deliver outcomes within scope, quality, time, and cost constraints. Explore and

evaluate new technologies, design & 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, Manuals etc.
- Build Algorithms
- Act as interface with R&D, production, and business arms to support customer project needs

KEY REQUIREMENTS:

- Minimum of 70% 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.

LINK FOR REGISTRATION: <http://tnp.rgukt.ac.in>

SELECTION PROCESS:

1. Written Test
2. Technical round
3. HR Round
4. Medical Round


Director