

Proforma

Companies open to your department

Company : Noccarc Robotics
Company Name : Noccarc Robotics
Nature Of Business : Engineering / Manufacturing
Designation : Embedded Systems Engineer
Tentative Job Location : Pune, Maharashtra

Key Roles and Responsibilities

- Involve in Electronics R&D for constantly improving the performance, reliability and life cycle of existing products.
- Develop scalable hardware and software modules that can be used for multiple projects in the organization
- Understand system requirements and converting technical requirements to elementary problem statements
- Developing embedded software and automation tools
- Researching on implementing cutting edge technologies in existing systems
- Formulate procedures and flowcharts to reduce design errors
- Design test setups, test processes and guidelines for tools and fixtures to ensure reliability and robustness of the system
- Create and review Test Procedures when needed to verify and document proper operation and calibration of modules
- Support Production, Quality, Installation and Service teams when necessary to solve problems encountered during production or servicing
- Review Technical User's Manuals, when needed, to ensure correct equipment specifications, setup and operational instructions
- Eagerly put forth extra effort to meet design schedules on projects where delivery time is critical
- Travel on an occasional basis to installation sites to identify ground level problems and plan for subsequent product improvement

Candidate profile - Embedded Systems Engineer

The ideal candidate would have done good projects in electronics and hardware with a club, hobby group or team. Participation in tech competitions will be a plus. He or she would have clear understanding of electronic architecture and will have a strong hold on breaking down the system into elementary level problems. The following skills are must haves-

- Experience in C/C++, Embedded Programming, experience in 32-bit ARM Microcontrollers & Embedded Linux is a plus.
- Strong circuit designing, prototyping, and troubleshooting skills
- Strong module implementation skills - should have hands on in Analog and Digital systems
- Interfacing of Communication protocols (I2C, SPI, UART, CAN, MODBUS, USB etc.)
- Must be a team player with excellent documentation skills
- Strong interpersonal skills and ability to learn quickly and work in a fast-paced dynamic environment

| Department | | BT | BS | MT | Double | Major | dual | dual | B | dual | C | Mdes | MBA | Phd | MSc | MSR |
|---------------|------|----|----|----|--------|-------|------|------|---|------|---|------|-----|-----|-----|-----|
| Eligibility : | AE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | BSBE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | CE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | CHE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | CSE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | EE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | ES | - | Y | N | - | | Y | - | Y | - | - | N | - | - | | |
| | ME | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | MSE | Y | - | N | Y | | Y | Y | Y | - | - | N | - | N | | |
| | PHY | - | Y | - | Y | | Y | Y | Y | - | - | N | N | - | | |
| | CHM | - | Y | - | Y | | Y | Y | Y | - | - | N | N | - | | |
| | MTH | - | Y | - | Y | | Y | Y | Y | - | - | N | N | - | | |
| | ECO | - | Y | - | Y | | Y | Y | Y | - | - | N | - | - | | |
| | DES | - | - | - | - | | - | - | Y | N | - | N | - | - | | |
| | IME | - | - | N | - | | - | Y | Y | - | N | N | - | - | | |
| | CGS | - | - | - | - | | - | - | - | - | - | N | - | N | | |

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|
| HSS | - | - | - | - | - | - | - | - | - | N | - | - |
| EEM | - | - | N | - | - | Y | - | - | - | N | - | - |
| MSP | - | - | N | - | - | - | - | - | - | N | - | - |
| NET | - | - | N | - | - | Y | - | - | - | N | - | - |
| PSE | - | - | N | - | - | Y | - | - | - | N | - | N |
| Stats | - | - | - | - | - | - | - | - | - | N | N | - |

Cost to Company : INR 10 Lacs per Annum
9.2 L fixed; 0.8 L Variable (Incl. all statutory deductions and taxes)

Package Details : Other Benefits-
1. Medical Insurance
2. Relocation expense reimbursement
3. Monetary awards for Intellectual property development

Bond : False

Medical Requirements : None

Resume Shortlist : True

Resume Shortlist Criteria: Hands on projects

Aptitude Test: False

Group Discussion: False

Technical Test: True

Technical Test Duration: 1 hour

Technical Interview: True

Technical Interview Duration: 1 hour

Number of Technical Interview Rounds: 2

HR Interview: False