



Job Description – Embedded Systems Engineer

Immediate Supervisor: Chief Technology Officer

Description

The Embedded Systems Engineers role is to plan, build, support and maintain in-house technology equipment and technology assets. This includes planning, procurement, installing, configuring, diagnosing, repairing, building and upgrading assigned hardware technology while ensuring optimal performance. The individual will also troubleshoot problem areas in a timely and accurate fashion, and provide build documentation where required.

Responsibilities

Strategy & Planning

- Assist in preparing and procuring items required to build products.
- Building in-house products both prototypes and final product while providing detailed documentation on process and procedures taken during the build.
- Assist in preparing, maintaining, and upholding procedures for logging, reporting, and statistically monitoring device performance during test.
- Accurately document instances of hardware failure, repair, installation, and substitution.
- Conduct research, evaluate and recommend hardware products for purchase.
- Work with end users to identify and deliver required service levels.
- Liaise with, and provide training and support to, end users and staff on operation and other issues.

Position Requirements

Knowledge & Experience

- Hands-on hardware troubleshooting experience.
- Ability to operate tools, components, and peripheral accessories.
- Able to read and understand technical manuals, procedural documentation, and OEM guides.



- Ability to conduct research into issues with products as required.
- Effective interpersonal skills and relationship-building skills.
- Strong written and oral communication skills.
- Ability to present ideas in user-friendly language.
- Understanding of the organization's goals and objectives.
- Self motivated and directed.
- Keen attention to detail.
- Analytical and problem-solving abilities.
- Ability to effectively prioritize and execute tasks in a high-pressure environment.
- Ability to work in a team-oriented, collaborative environment.
- Strong customer-service orientation. **Formal Education & Certification**

Technical Skills

- Knowledge of Microcontroller Programming and Embedded Systems Design with PIC microcontrollers or STM32.
- Knowledge of any Electronic CAD Software for Schematic and PCB Design such as Proteus, KiCad, Autodesk Eagle, etc.
- Knowledge of C, C++, C# and ability to build software for Linux platforms would be an added advantage.
- Knowledge of Electronic Circuit Design

Instructions:

Kindly send resume to recruitment@gricd.com