



Position: Senior Firmware Engineer

Department: Engineering

Reports To: Engineering Manager

Job Location: Brisbane, Australia

Summary

Opengear designs and manufactures products for data center and remote site management. We are a rapidly growing supplier of sophisticated data center, network and remote site management products. Our customers include tech unicorns and Fortune 100 companies. We are the leading supplier of out-of-band solutions for IT infrastructure management and are actively exploring new solutions for hyper-scale data center deployment and management. We are a global company, with offices in Brisbane - Australia, Sandy-UT, and Edison-NJ.

Working closely with hardware engineers, the Senior Firmware engineer will be responsible for developing software to assisting bring-up of new hardware designs, as well as helping to evaluate components for future designs.

A successful applicant will demonstrate their ability to work independently, helping the hardware team deliver to their plan.

Responsibilities:

- Firmware support for prototype board verification and bring-up
- Design and execution of hardware test plans
- Generating handover documentation and providing training for other teams in the organization
- Linux kernel configuration
- Linux kernel driver development
- Working with staff in our remote production and test facility

Requirements:

- Degree-qualified in an electronics or software field, or sufficient relevant experience
- At least 5 years firmware development experience
- x86 and ARM bootloader development
- Coreboot and U-Boot
- Embedded Linux
- C programming
- Version control (git)
- Modular firmware design
- Debugging and tracing
- Ability to read schematics and component datasheets.

Desired (Knowledge in any of the following areas is not required, but would help you get started quickly):

- ACPI
- Operating system architecture
- Yocto
- Experience with Hardware design (PCB Design, Mechanical design, thermal modelling, DFM)

Applicants must have the right to work permanently in Australia.

Opengear offers a competitive salary and generous benefits package as well as an employee education assistance program to support employees in their ongoing development. We are proud of our great work environment and modern facilities.