

2018-SW-03 : Technical Lead (Embedded Software)

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Job Responsibilities:

Lead a team of software engineers working on microcontroller firmware development, Linux platform drivers and IOT solutions. Should be able to guide team members, resolve technical road blocks and deliver project commitments. You will be the go-to person and first level escalation point for all technical issues faced by the team. Looking for someone with 6+ years in the embedded industry and having a passion to build a core team in a growing startup. Team size will vary from 6 to 12 people, mainly firmware and Linux engineers.

Selected candidate for this role will be reporting to software director/manager in the organization.

Main responsibilities for this role are:

- Work with firmware and application architects to create a project execution plan
- Review project proposals for execution scope & timelines
- Lead embedded software development activities by the team
- Work with QA teams to resolve bugs and ensuring release readiness
- Work with h/w design and PM teams to ensure smooth execution and timely delivery of projects

Technical:

- Strong programming skills (C, C++, assembly)
- Linux development experience (drivers & platform)
- Experience delivering critical modules for microcontroller projects
- Strong analytical & problem solving skills
- Experience in software development process & tools
- Experience leading complex projects (microcontroller & microprocessors)
- Should be able to work with minimal technical guidance
- Good understanding of commonly used communication protocols
- Good understanding of common peripherals, interfaces & sensors
- Expert level knowledge of embedded microcontroller & microprocessor based systems
- Experience working on Real-Time systems (RTOS)
- Should be able to quickly learn new technologies and enable the team on the same

Leadership:

- This role requires excellent communication skills
- Should be able to lead junior engineers by providing technical mentoring & coaching
- Owns task division, task allocation and tracking within the team
- Require multi-tasking and time management skills
- Need Prior experience working with overseas clients

Other desirable skills:

- Knowledge of Android, Java & Python Experience: 6 to 8 years