



Job Description

Job title: Senior Engineer (Software)

Location: Havant

Department: Infrastructure

Reports to: Engineering Manager

Purpose of Job

As a member of the Infrastructure Group, this role involves the design and development of embedded software primarily for infrastructure products in the broadcast environment. This will include responsibility for embedded software development, from technical specification through to product release, with delivery of high quality end product a key aim.

A strong technical background is necessary, combined with a flexible and open minded approach to problem solving, to provide solutions for our customers.

The role will work closely with the Engineering Manager to ensure that products meet the customers' needs.

Main Functions and Responsibilities

- Working with Product Manager and Engineering Manager to assist in defining technical specifications.
- Software architecture and design.
- System and Product verification and integration.
- Fault finding and rectification as necessary to meet product quality requirements.
- Maintaining appropriate documentation of software specifications, guidelines and designs.
- Design and coding according to company standards whilst maintaining good software development practice and in-line with the product process.
- Provision of time-scale estimates for designs and committing to keep to them.
- Working with other engineers as part of a team and fostering positive team spirit.
- Close liaison with Product Management and verification to assist in the understanding of issues and to provide prompt attention to identified problems.

Qualifications / Knowledge / Experience

Education/Certification:

- Degree in Software Engineering, Computer Science or a related discipline.

Required Knowledge/Experience:

The candidate should have experience in the commercial development of embedded software, with a robust background of software analysis and design. Consequently needs to be conversant with current design technologies and practices. The candidate should be self-motivated and keen to succeed.

Knowledge/Experience in the following areas is essential:

- Embedded software development using C or C++
 - Real Time Operating Systems
 - Specification of APIs and Protocols
 - Familiarity with networking protocols, TCP/IP etc
 - Familiarity with standard software development models and toolsets
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Knowledge/Experience in the following areas would be desirable

- Knowledge of Infrastructure products and systems.
- Experience in the creation of tools to assist in the development of embedded products.
- Familiarity with SNMP.
- C++ application code design.
- Object orientated frameworks.
- Experience in developing embedded code for the ARM series, Infineon C16x microprocessors or similar.

Skills/Abilities:

- Good interpersonal and communication skills.
- Must demonstrate ability to exercise independent judgement, initiative and tact in both internal and external relationships.
- Problem solving aptitude.
- Confidentiality/trust.
- Ability to make decisions.
- Organizational and project management skills.
- Accurate and attentive to detail.
- Ability to work unsupervised and as a team player when required.

Contacts

Internal

- Daily contact with other members of the team
- Regular contact with Product Management, Engineering Manager, Technical Sales and Development Support Engineers

External

- Some contact with third-party development partners and customers

Additional Information

- This role may require occasional international travel.
- This role will require site to site travel – UK driving license required.

Performance Standards

- Achieve mutually agreed objectives, standards and dates.
- Performance reviews will be conducted on an annual basis in addition to interim progress reviews.

To apply please forward your CV, covering note and salary details to Laura.Powell@snellgroup.com
