



JUNIOR SOFTWARE ENGINEER

COMPANY: e2E SERVICES LTD.

JOB REF: RES. 009

TYPE OF ROLE: PERMANENT

LOCATION: Welwyn Garden City, Herts. plus some travel to other customer sites (as required)



Our Company

We have been at the forefront of innovation in the satellite communications industry for two decades, offering to all its stakeholders unrivalled expertise to design, develop and operate state-of-the-art solutions and systems, world-wide. Our portfolio of services and technology know-how covers the entire spectrum of any satellite communication project, from market opportunity sizing and end-user requirements down to ground network development and operations. To both commercial and defence related domains, we also offer unique understanding and insight to enable a more user-friendly and accessible use of satellite communication resources.

Innovation and ingenuity are the guiding principles of anything we do for our customers. Working with e2E requires a high level of dedication and personal motivation, commitment and a drive to continually seek to improve things but the results our Group has consistently achieved over the years, at personal and team levels, are outstanding and make e2E a great place to work.

Job Description

Our software team is involved in the design and development of real time communication software and tools to support our satcoms business.

We are expanding our team and are seeking a **Junior Software Engineer** to provide support into a variety of software development projects for e2E's commercial and governmental customers.

The candidate will be responsible for undertaking software design and development tasks on advanced satellite communications networks and supported communications services. The successful candidate will typically be using an Agile software development environment with high

Agility in Communications



JUNIOR SOFTWARE ENGINEER

productivity open source tools for development, build and test (e.g. GitHub, Jenkins, Cucumber etc.) as well as using modern cloud-based technology and scripting languages such as JavaScript and Python.

Key Responsibilities

- Design, development, test and maintenance of satcom system management software and embedded real-time communications software
- Programming in Java, JavaScript and Python
- Development of test modules in Automated Test Tools such as Cucumber and Gherkin
- Working within an Agile DevOps environment to contribute to the system/ product development lifecycle, supporting requirements engineering, prototyping, integration and test where required
- Provision of task estimates and progress information to team leaders/project manager

Skills, Character and Experience

- Experience of working as an integral part of a team
- Good communication skills with ability to produce and present clear, concise and unambiguous presentations and documents
- Desire to learn about systems development lifecycles, and to work in an industrial environment to create robust software for a real purpose
- Real interest in software and computer systems, and what these can do for others
- Ability to develop innovative solutions to defined problems

Essential

- Graduate with good honours degree in maths, science (including computer science) or in an engineering subject but with a strong interest or experience in software development, with minimum of one-year industry experience
- Security Cleared or ability to be Security Cleared
- Understanding of object-oriented principles; ability to work with abstract concepts, and to express and communicate them through documentation
- Ability to program in Python, and develop scripts in BASH, cshell etc.
- Ability to develop GUIs through appropriate scripting languages (JavaScript, xml etc.) and developing queries to databases
- Ability to program in Java, or in another OO language
- Completion of a course, or having relevant experience, to be able to demonstrate an understanding of software engineering principles including software engineering methods, configuration control and the difference between 'good' and 'bad' software

Desirable

- Understanding of satellite communications systems and terminals
- Experience of development in an 'Agile' Environment using Continuous Development, Build and Automated Test Management tools.



JUNIOR SOFTWARE ENGINEER

- Understanding of computer architectures, operating systems and Cloud deployments.
- Understanding of IP networking and network protocols
- Experience of database programming and query languages
- Ability to develop GUIs through appropriate scripting languages (JavaScript, xml etc.)
- Development of embedded software or VHDL on Xilinx platforms
- Experience in using MATLAB and Simulink to model a system

Salary

- Competitive salary dependent on skills/experience plus a growing list of Company benefits
- By submitting your CV/application you are consenting to e2E Group using and storing information about you for monitoring purposes relating to your application of future employment. This information will only be used by e2E Group.

e2E Group is committed to achieving workforce diversity and welcome all applications irrespective of social and cultural background, age gender, disability, sexual orientation or religious belief.

