

VACANCY

SENIOR SOFTWARE DEVELOPER

Reutech Radar Systems is a radar development company located in Stellenbosch. We develop radar systems and subsystems for the defence, security and mining industries, both locally and internationally.

Unleash your passion for innovation and join our dynamic team at Reutech Radar Systems as a Senior Software Developer!

In today's technology-driven world, Software Developers are the architects of the digital future. We are seeking a talented and enthusiastic Software Developer to join our team and play a pivotal role in shaping our cutting-edge software solutions.

If you possess a keen eye for detail, a passion for problem-solving, and a knack for crafting elegant code, then we encourage you to apply and embark on a journey of innovation with us.

Main Responsibilities:

- Design, develop, and unit test applications in accordance with established company standards
- Collection and documentation of user's requirements and estimates
- Drafting of software specification documents and design reports
- Peer code reviews
- Integrate software modules to new or existing systems and perform integration testing
- Attend regular team meetings to share project status, issues and ideas
- Work as part of a Scrum team, using agile programming methods
- Support the company proposal/quotation generation process
- Integrate software modules to new or existing systems and perform integration testing.
- Act as a leader to junior developers.
- Report on the progress of a software element to the project manager, which include the progress of delegated tasks
- Mentor Junior Software Developers
- Provide support to our clients on difficult issues

Qualifications and Levels of Experience Required:

- BSc degree in Computer Science or Engineering degree, Higher education Engineering/Software Diploma with demonstrated prior learning based on industry experience.
- Up to 8 years experience in the Software Development field
- Solid understanding of object oriented programming concepts
- Solid understanding of software development methodology and release processes
- Solid understanding of version control concepts
- Solid understanding of test-driven development and unit testing theory
- Familiarity with agile development methodology
- Embedded software development and debugging experience
- Mathematical inclined with DSP algorithm experience

Programming Skills Required:

- Ability to develop software in C, C++, C#, Python or other selected languages, (up to 6 years' experience)
- Linux OS; Windows OS
- SVN, GIT software repository use
- Knowledge of UML an advantage (Trained/self - learned)
- Knowledge of GPU programming an advantage
- Knowledge of Micro Controller Coding, Advance C & C++ experience including compiler settings and optimisation
- Good understanding of Matlab is an advantage
- ARM range an advantage

Should you be interested and meet the requirements, please submit your application to Clio Visser at cliov@reutech.co.za or careers@reutech.co.za. If you do not receive any feedback within 2 weeks of submitting your application, please consider your application unsuccessful. The company has the right to cancel or amend the vacancy as advertised.