

JOB TITLE: Senior Software Engineer

LOCATION: Homebased / Finchley, London / Basingstoke

ABOUT THE COMPANY:

Vision RT is a highly successful 3D medical imaging company based in North West London providing patient positioning and motion management solutions for radiotherapy. Vision RT won two Queen's Awards in 2016, and the 'Technology Innovation of the Year' award at the 2015 UK Private Business Awards.

Aurora is a part of Vision RT, who are a part of the Danish company **William Demant Holding**, one of the largest hearing healthcare companies in the world with revenue of more than EUR 1,6 billion and over 12,000 employees from all over the world.

Aurora creates Artificial Intelligence solutions for the Air Industry, Healthcare and other sectors. We are a UK leader in the provision of Deep Learning technology and face recognition solutions. Our state-of-the-art applications have been delivered to over 1000 sites in the UK and globally.

ABOUT THE ROLE:

We have a vacancy for a Senior Software Engineer or Applications Architect to provide development expertise and guidance within our existing team of talented data scientists, research engineers and AI developers.

You will be developing full end-to-end solutions that serve our AIs, as well as updating, enhancing, and maintaining the AI Cluster Software (our continuously evolving system to manage the training of Deep Learning AI solutions). You will be designing Domain Services and Entities, API Controllers, Distributed Service layers and feature-rich application services that consume and provide intuitive front-ends and user interfaces.

You will have the opportunity to take ownership and delivery of projects, working closely with the Head of AI Technologies, VP AI Solutions and other stakeholders (both internal and external).

The team are fast paced and have a deep interest in state-of-the-art technology. You will also be given the opportunity to learn new techniques in the design, data preparation and training of neural networks from some of the leading data scientists in the country.

On offer is a fantastic opportunity to acquire skills in the latest technologies and take your career to the next level.

ABOUT THE CANDIDATE:

Experience and Skills

The Candidate:

- Able to work individually and in a team.
- Innovative thinker and problem solver.
- Ability to effectively research and solve complex technical issues.
- Excellent interpersonal skills.

- Good eye for detail.
- Flexible and adaptable.

Essential:

Candidates with the following qualifications and skill sets will be considered:

- 5 years industry experience delivering software solutions.
- A relevant degree level qualification.
- Microsoft application development experience (extensive experience).
- Fluency in C# and .NET with Visual Studio.
- Excellent Object Oriented Design (OOD) knowledge (following SOLID principles) and design patterns.
- Excellent knowledge of WinForms or WPF.
- Web API and RESTful services.
- Relational database engines and SQL
- Unit and integration testing (preferably NUnit or XUnit).
- Inversion of Control (IoC) and Dependency Injection (DI) patterns and technologies, LINQ,
- Multithreading concurrency (preferably TPL).
- C++ (including STL and Boost).
- Extensive experience of source control (particularly SVN, and GIT).
- Build processes and Continuous Integration (particularly DevOps).
- Agile methodologies.

Desirable:

- .NET Core and .NET Standard.
- Azure or AWS.
- Jenkins/Hudson Continuous Integration.
- Swagger (YAML).
- USB Programming, such as LIBUSB, etc.
- RabbitMQ.
- Python.
- AI Development.
- Basic understanding of Deep Learning (PyTorch, Tensorflow, Caffe 1, Caffe 2).
- ReactJS.
- SQL Server.
- MongoDB.
- Mobile development (Apple, Android).
- iOS and Swift Development.
- Experience in 3D graphics, computer vision, image processing, DICOM or medical imaging.

BENEFITS:

- Competitive salary.
- Company pension scheme.
- Private health insurance.
- Group life insurance.
- Healthcare cash plan.
- Employee assistance program.
- Monthly gym membership contribution.
- 25 days holiday plus bank holidays.
- Bonus scheme (Based on Company & individual performance).
- Free onsite parking at both London and Basingstoke offices.

HOW TO APPLY:

If you would like to be considered for any of the positions, please send a covering letter clearly stating your suitability and an up-to-date CV to the HR Team at careers@visionrt.com.