THE FOUNDRY.

Senior Software Engineer - Design

The Company

Smart software for creative people.

The Foundry is not just a technology maker or a software seller; we are here to empower artists and designers across the world by enhancing their creative potential. We seek to create a world where people can continually raise their creative potential and to champion creative people by developing tools, technologies and processes that empower them to bring their ideas to life, more quickly and effectively.

We believe in:

- Constantly challenging
- Always being approachable
- Committed partners
- Endless enthusiasm!

Our technology portfolio is as creative as it is technical, packed full of ground-breaking, award-winning techy goodness that will have even the most demanding organization salivating!

We are a little bit proud of what we achieve at The Foundry and want to take you on our journey with us.

The Software

As part of our comprehensive software portfolio, we sometimes take on projects with certain customers to produce specific functionality or workflows to suit that customer. We're looking for a candidate to work on a long term project with a major customer in the design space. Building on top of our existing software, we're working to revolutionise how this company interact with the digital world, with a long term future beyond the span of the specific demands of this customer

The Role

We are looking for a Senior Software Engineer to join our team in Manchester and work on a customer centric application in the field of design. In a nutshell, we're looking for a seasoned C++ application developer with experience of software development and thorough knowledge of software engineering best practice.

Reporting to the Project's Lead Engineer, your daily work will involve the design, implementation, documentation and testing of C++ and/or Python code, liaising with other

engineers in the team, the Product Manager and Project Manager as necessary to ensure that the code meets the requirements of the customer and is delivered in a timely fashion.

You will work closely with the Lead Engineer, advising them of any upcoming issues relating to the product. As an Engineer you may be asked to liaise with clients' Engineers, and with other Foundry teams including QA, Support and Sales.

It will be amongst your responsibilities to understand the business and wider industry. You will be encouraged to play an active role in communicating with and visiting customers, understanding and sharing requirements and proposed solutions. When appropriate you may be required to represent and support the company and the product at external events.

The Responsibilities

- As a Senior Software Engineer, you will be expected to assume a leadership role in taking responsibility for specific aspect or part of the product
- Help determine, review and promote our development process within the team
- Help determine, review and promote best practice in software development
- Assist the lead engineer by providing technical know-how and advice
- Design, implement and document complex software features using sound software engineering principles and always following best practice
- You will be expected to mentor less experienced developers and provide code reviews and advice where appropriate to ensure the quality of the product is maintained
- You will contribute to project planning by providing effort estimates for tasks assigned to you by the Lead Engineer. You will then be expected to implement and deliver on goals in a timely manner while providing regular progress updates
- You will be expected to document your work clearly and concisely in the source code and on the product Wiki site using standard documentation language like UML
- Occasional trips to other countries may occur as part of this role
- From time to time, provide assistance with recruitment of new team members

Required Skills

- Good communication skills, well organised, good time management
- Experience of commercial software development and best practice
- Excellent C++, including knowledge of development tools and processes
- Good working knowledge of event driven software architecture
- Good track record of problem solving
- Successful experience of working in a development team
- Knowledge of 3D graphics and rendering technologies
- Knowledge of Python, including development processes and tools

Desired Skills

- Experience of cross OS development including, Windows and OSX
- Experience with process management system like JIRA or Target Process

Applying

If you meet the criteria, are eligible to work and are interested, please send your <u>covering letter, CV, salary expectations and notice period</u> to **jobs@thefoundry.co.uk** with the subject "Senior Software Engineer - Design".

More About Us

The Foundry designs creative software technologies used to deliver remarkable visual effects and 3D content for the design, visualisation and entertainment industries. The Foundry's software advances the art and technology of visual experience in partnership with creative leaders across the globe. It enables clients like Pixar, Mercedes-Benz, Google, ILM, Weta Digital, Blizzard, The Moving Picture Company and Sony Pictures Imageworks to turn incredible ideas into reality by solving complex creative challenges.

The company was founded in 1996 and is headquartered in London, with 300 staff based across offices in Silicon Valley, Los Angeles, Shanghai, Austin and the UK. The Foundry consistently invests in R&D to provide more efficient ways for its clients to bring visual concepts to life.

In 2015, the London Stock Exchange named The Foundry one of its "1000 Companies to Inspire Britain." It regularly features in The Sunday Times' Tech Track as one of Britain's fastest-growing private technology companies, most recently in 2016 when it also won the Excellence in Service Award at the International Track 200 awards. Every single film nominated for the Academy Award for Best Visual Effects in the last five years was made using The Foundry's software.

The company was acquired by HgCapital in 2015.

© The Foundry, its logo and product names are registered trademarks in the UK, USA and/or other countries.