

## Role Profile:



*Battersea Power Station;  
London*



*Wimbledon Court One;  
London*



Position	Full Stack Programmer
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Location:	Wixford (Stratford-upon-Avon)
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Contract type:	Permanent, Full-Time
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Salary:	Salary based on experience, skills and ability
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Division:	Applied Technologies
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### ABOUT FULCRO

An exciting opportunity has arisen to join well established and rapidly growing business!

Fulcro is an innovative team of **Design Technologists, Engineers** and **Creative Thinkers** who thrive on **delivering solutions** that are **faster, better** and have **more value** for our clients.

Our core activities are:

- Project Management
- 3D/4D and 5D digital prototyping
- BIM Management
- 3D design detailing for construction, fabrication and assembly

Fulcro work on the **UK's and World's largest construction projects** including Stadia, Iconic residential developments, flagship commercial buildings and Infrastructure projects.

**Our people are important to us.** We empower them to perform, offer opportunities to grow and **reward** their contribution. We will develop your knowledge through practical applications and teach you about relevant technologies.

### SCOPE OF THE ROLE

To support code development of internal tools and client facing applications, engage in proof-of-concept work, systems prototyping, and provide 2nd tier software support within the Applied Technologies team.

Work to develop cutting edge Virtual and Mixed Reality tools for use in the Construction sector.

Role will be within an Agile R&D team and will require you to cover a range of programming disciplines for embedded applications, web portals, SaaS, database management, and app development.



**Fulcro have a unique perspective of the Design and Construction industry, underpinned by digital technologies. We are an innovative and collaborative team that possess a unique set of skills honed through our 16+ years of experience, across all operational, organisational and delivery aspects of a project.**

## KEY FUNCTIONS

- Work with R&D team to develop new applications and functionality based on client requirements
- Develop proof-of-concept ideas and code into deliverable products
- Manage and design databases to support operations and product rollout
- Develop on feedback from the FULmax engagement team, regarding product availability, capability, and improvements required by clients
- Assist in Quality Assurance programs for our code and integrations with 3rd party API's
- Maintain product knowledge and keep the Director of Applied Technologies apprised of any changes to API's and integrations that might affect our customers
- Work with 3rd party code, providing feedback to Beta programs and explain required updates
- Provide 2nd tier remote software support to clients as required
- Monitoring of and understanding data trends received from deployed devices/software to optimise customer experience and pre-empt operational and technical issues
- Liaising and Communicating with Applied Technologies and Fulcro staff in relation to deadlines and requirements
- Working closely with the Director of Applied Technologies to understand software development strategy and product roadmap
- Adhering to all company policies and procedures
- Performing on any other reasonable task assigned by the company
- Working remotely and in an office setting as required

## KEY OBJECTIVES:

- Support product development as part of an Agile team
- Support clients and sales team as required with the Director of Applied Technologies
- Deliver quality, commented, quality assured and documented code to deadlines
- Develop tools to benefit the Fulcro business and contribute to Intellectual Property and product in market

## PERSON'S SPECIFICATION:

The key is **attitude** and aptitude! You need to have

- Demonstrable communication and writing skills
- Ability to problem solve and work in an Agile team
- Ability to work on your own initiative and show creative thinking
- Ability to prioritise tasks and workload
- Self-driven, confident, result-oriented with a clear focus on high quality output
- Credible and reliable with a positive "can do" attitude

## QUALIFICATIONS

### Essential

- 2:1 BSc in Computer Science, Software Engineering or equivalent
- Demonstrable 'Full Stack' programming capability
- Fluent in: C# (or other .NET), JAVA, PHP, SQL, HTML and CSS
- Experience with gaming engines, i.e. Unity, Unreal
- Experience cross compiling code for various target platforms

### Desired

- Higher degree (i.e. MSc or PhD) and/or 3+ years industry experience
- Experience with Virtual and/or Mixed Realities
- Ability to use/debug in object orientated languages, i.e. c++, Python
- Passion for computer gaming software and hardware
- Software knowledge: Autodesk, Bentley, Trimble, Microsoft, DirectX, OpenGL, XCode, Docker, Apache, VM, IDE's

## OTHER REQUIREMENTS:

- Valid full UK driving licence
- Right to work in the UK
- Flexibility to travel if required in the UK
- Candidates must be prepared to work as part of a small, passionate, and agile team.
- Candidates must be comfortable working from both home and in the office as required
- Flexible working may be required to accommodate time differences to provide 2nd tier support to overseas clients
- You will be required to complete a software/coding/debugging competency assessment as part of the application process

To apply please email your CV to: [hr@fulcro.co.uk](mailto:hr@fulcro.co.uk)

Candidates must be eligible to work and live in the UK.

Proof of eligibility will be required.

By applying for this position, you are agreeing to us processing your personal data for recruitment purposes only under GDPR legislation. Should you require any further information, please email [gdpr@fulcro.co.uk](mailto:gdpr@fulcro.co.uk)