

Web Developer Job Description

Salary £25,000 - £35,000

substance.

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About Substance

Substance is a research and technology company. We help organisations that do good to think smart and make more of a difference.

We work across different sectors and with many types of organisation – charities, social businesses and government.

Our core team is made up of highly-experienced social researchers, technologists and programme managers, each with their own specialisms. What we share is an ambition to make organisations that do good have a greater impact.

About the Role

Substance manages and delivers a range of bespoke development projects for a diverse and expanding range of high profile charities and public service delivery agencies that are focused on assessing the impact of their work and helping to improve its effectiveness. Successful candidates will work on a range of different projects including enhancing and maintaining our own in house applications as well as other commissioned developments and research projects for our various clients.

The successful candidates will work in close collaboration with other members of the development team as well as senior members of the research and consultancy team in order to develop fresh solutions to client needs.

Responsibilities

The successful candidates will be expected to:

- Produce clean, semantic, object-oriented code, with the ability to adopt existing coding styles as appropriate in a range of languages such as PHP or JavaScript
- Troubleshoot, test and maintain the core product software and databases to ensure optimization and functionality
- Plan and develop core functionality and new features to our flagship system.
- Participate in peer code reviews
- Give technical assistance to front line support
- Work with other team members to enhance and evolve existing and new products
- Design and document code so other developers can understand and contribute to it
- Identify scope, key requirements, specification, creative approach and development methodology for projects
- Developing front and back-end systems
- Researching and incorporating 3rd Party products, frameworks and services to enhance our own applications
- Take part in Hackathons

Skills and Experience

Essential Skills

- Programming Languages: PHP5/7, JavaScript
- Knowledge of object orientation and design patterns
- Ability to consider the impact of code updates to existing systems
- HTML/CSS/JS/AJAX - Knowledge of web standards and browser compatibility issues, tableless layout and design
- Databases – MySQL/MariaDB
- Frameworks/libraries – jQuery, Bootstrap
- Firm understanding of the LAMP Stack
- Version Control Systems such as Subversion and Git
- Excellent communication, and interpersonal skills
- BSc Hons. Computer Science or Engineering or equivalent qualification / experience
- Flow Diagrams and Entity Relationship Diagrams or other system design methodologies
- A strong interest and desire to stay up to date with new trends and advancements in web development / technology
- Ability to manage a complex range of tasks and meet deadlines
- A logical approach to problem solving
- At least 2 years experience in developing web applications

Desirable Skills

- Release processes such as Continuous Integration, Continuous Delivery and Agile
- Familiarity with PHP Frameworks i.e. (Zend, Laravel, CodeIgniter)
- Programming Languages – LINUX/UNIX BASH and PERL
- Understanding of backend linux systems admin
- Databases –MongoDB, Postgres, SQLite
- Web Server Platforms – Node.js, Tomcat
- Website CMS Frameworks – Wordpress, Drupal
- Web Services – REST/SOAP
- Knowledge of SSO / OAuth
- Micro-services fundamentals
- Database design, development, and optimization
- Mobile App development, Android, iOS, PhoneGap
- Familiarity with AWS and Cloud Servers
- JavaScript Frameworks such as Angular-js
- Experience with Cloud Computing

Benefits

- Gym Membership
- Favourable pension
- Flexible Working
- Personal Development Plan
- Childcare voucher scheme
- Death in service benefit
- Company sick pay
- City centre location in a high-spec refurbished character building
- Casual dress policy
- Staff kitchen and breakout areas
- On-site café

