



Software Engineer – Arcola Energy

Job Description

Writing in house product lifecycle management software for a growing engineering company, within a team of developers. Work will primarily be in Java.

Purpose

Working within the Arcola Energy Software Engineering team to develop the tools required to manufacture and maintain clean energy and mobility technologies.

Outline

- Developing, testing and maintaining a diverse range of web applications (for example supply chain management) as part of a team of developers.
- Working mainly in Java, likely with some Python as well.
- Collecting and understanding user requirements, and implementing solutions to meet them.
- Using test driven development and other Agile development processes.
- Deploying and managing software you develop, using Ansible, on cloud infrastructure.
- Both reviewing code written by others, and participating in code review.
- Helping to improve our software quality management process, and the security of our applications, and their deployment.

Person Specification

- Good degree, ideally in computer science or another technical, engineering or scientific subject.
- Programming experience solving real-world problems as part of a team.
- Experience programming in Java, or another strongly-typed object-oriented language.
- An understanding of object-oriented software design principles.
- Experience with agile software development.
- Experience using version control, ideally git.
- Understanding of web technologies, e.g. HTML5, CSS, client-side JavaScript, and RESTful APIs
- Knowledge of relational database design principles and SQL.
- Experience working with end-users to understand their needs, and develop these into requirements.
- Experience with Ansible beneficial.
- Familiarity with using Linux beneficial.
- Experience using cloud technologies, especially AWS beneficial.
- Enthusiastic, with a strong desire to learn and develop their own skills.
- Strong communication skills and a high standard of writing.
- Good interpersonal and team working skills.
- Not afraid to ask for ideas, but able to work independently.
- A passion for making the world a better place.

Terms and Conditions

Salary:	£35-40k dependent on experience
Hours:	40 hrs/week. 9.30am-6pm Monday to Friday with half-hour lunch break. Occasional evening and weekend working (TOIL system in operation)
Holidays:	28 days annual leave, including public holidays
Probation period:	3 months
Access:	Arcola Energy is wheelchair accessible throughout
Benefits:	Free tickets to Arcola Theatre shows (subject to availability) Arcola staff discount on food and drink in café/bar