

# Principal Software Engineer/Developer

Lincoln, UK

Start date - Immediate

SRC UK are looking for experienced and enthusiastic Full Stack Software Engineers and Developers to join our expanding team. The positions will be expected to support all functions of the software development lifecycle, from requirements capture through to design, implementation, documentation, and testing. The projects are run using an agile framework.

Reporting into the Head of Software, candidates would be expected to have a deep working knowledge and experience in modern programming languages, application development, database technologies and open-source development and have the ability to learn new technologies quickly. The ability to create and work harmoniously within a team environment is essential.

You need to be able to coach, mentor and give technical leadership within a team and do this independently. You should be able to problem solve, have excellent communication skills (both written and oral) and have the ability to adapt and lead through change.

**You must be a UK national due to the nature of the tasking and to allow for a Government security vetting** if not already obtained. Predominantly Lincoln based, the salary/rate will reflect current market expectations.

At SRC UK we have a fantastic mixed team of experienced personnel and graduates which makes for a great working environment. We have a great benefits package including private health care, sickness cover and salary sacrifice options.

## Responsibilities

- Technical Leadership of a team of up to six engineers
- Work allocation and task breakdown of technical work
- System design
- Application development
- Database development
- Activities in support of software assurance and quality
- Component, integration and system testing
- Documenting the design

## Qualifications/Experience

### Essential

- A good first degree in Computing/Engineering/Mathematical (STEM) AND/OR a background and significant experience in software development.
- Demonstrable experience of leading a technical project
- Demonstrable knowledge of one or more coding languages including:
  - Web Development – HTML/CSS/JS/React
  - ASP.Net C#
  - PHP



- C#
- Python
- Javascript
- SQL

**Desirable: Experience or knowledge**

- Knowledge of concepts including:
  - Adopting UI/UX best practises when designing and developing applications
  - Web application deployment and maintenance
  - Familiarity with Database Types such as “Relational database” and “Document/NoSQL Database”
  - Creation of High-Level and Low-Level design documentation
  - Familiarity with Agile/DevOps software development methodology
  - Familiarity with CI/CD and Pipeline automation
  - Web application deployment and maintenance
  - Familiarity Machine Learning principals/pipelines and associated toolsets such as Pytorch and Tensorflow
  - Familiarity with Azure, AWS, GCP products and services.
  
- Knowledge of technologies including:
  - Docker or Kubernetes
  - Familiarity with distributed version control systems such as Git
  - Familiarity with Frontend and Backend testing Frameworks such as Puppeteer, Jest, Unit
  - Familiarity with in-code documentation such as JSDocs to maintain code libraries and documentation

SRC UK are an equal opportunities employer.

Please contact (with an attached CV) [careers@srcuk.com](mailto:careers@srcuk.com) for further information