

Software Engineer

Basic information

Band: D

Job family: Technical

Terms: Permanent

Location: Rosehill, Cheltenham

Reports to: Technical Team Lead

Team: Technology Development

Business unit: Technology



Role purpose:

- Development of software solutions in line with UCAS' Corporate and IT Strategy.
- Work with product owners to develop individual services in line with their strategic vision.
- Develop and maintain a strong working knowledge of existing UCAS applications and systems to assist UCAS' Core IT Partner (CITP) in the ongoing operation of these services.

Key duties and responsibilities:

- Delivery of software solutions, primarily using C#, MVC, and Web API.
- Report to the Technical Team Lead in an agile/scrum development environment to ensure a continual delivery stream of features.
- Provide technical input and innovation while collaborating with the rest of the Scrum Team in the development of solutions.
- Code and configure solutions in line with our coding standards, utilising standard tooling such as Visual Studio and ReSharper.
- Develop and prototype investigations or spikes to assist in the delivery of features.
- Ensure the delivery of high quality products through techniques such as test-driven development, pair programming, and code review.
- Act as a gatekeeper for code repositories, ensuring that only high quality code, developed in line with our standards, is accepted into the production estate.

- Contribute to the ongoing improvement of the Scrum Team through the Agile Retrospective ceremonies that take place.

Stakeholders:**Internal:**

- Technical Team Lead
- Product owners
- Senior Software Engineer
- Software engineers
- Technical specialists
- Technical delivery managers
- Solutions architects

External:

- Core IT Partner (CITP)

Person specification:

- We need a full stack developer, capable of front end development using MVC and jQuery and back end development using C# and Web API.
- Good knowledge of software development patterns and practices including test-driven development and service-oriented architecture.
- Experience of working with AWS Cloud technologies such as Cloud Formation, EC2, ElasticBeanstalk, IAM, and RDS would be beneficial.
- Experience of agile delivery methodology would be useful but not essential.
- Given the working practices used, such as code review and pair programming, strong written and verbal communication skills are essential.
- Good collaboration skills will also facilitate the development of high quality products in line with the product owners' requirements.
- An all-round high level of interest in IT would allow you to contribute to our lunchtime learning sessions.

This role profile sets out the scope and main duties of the post at the date when it was drawn up. Such details may vary from time to time without changing the general character of the post or the level of responsibility entailed. Such variations are a common occurrence and cannot of themselves justify a reconsideration of the level of the post. All UCAS employees are expected to be flexible in undertaking the duties and responsibilities attached to their role and may be asked to perform other duties, which reasonably correspond to the general character of their role and their level of responsibility.

Our values in action

Customer – We always look through the customer lens. The logic of the customer is the logic of UCAS.

Commitment – When we commit, we deliver on time, quality, and budget, or we negotiate changed commitments for good reason. We never leave commitments uncovered.

Team – We work collaboratively. When we commit, we commit as an individual and as a team. We strive for and support team success as well as individual success.

Outcomes – We plan and do things to achieve outcomes. We define them, aspire to them, and deliver them.

Agility – We know we need to be agile when we look through the customer lens, when we make commitments, when we work in teams, and strive for the right outcomes.

Extraordinary – We are ambitious for our customers, for UCAS, and for our teams. We want more than ordinary outcomes – we strive to achieve extraordinary outcomes, extraordinary customer focus, and an extraordinary culture of high performance and quality of focus.