



Server Software Engineer

About Airbox Systems

Airbox Systems has a clear mission to help save lives and support the decision making of the emergency services and the military using software. We are driven by passion and we are made great by people who share our enthusiasm for trying to make the world a better place. Our team includes individuals from military, aviation and law enforcement backgrounds, who bring to the development of our solutions first hand insights of frontline operations, in the air and on the ground.

We have developed a suite of situational awareness tools across web, desktop, and mobile applications, using the latest technologies. These are designed for planning, execution and after action review, and are trusted by Law Enforcement, Military, Special Forces, Search & Rescue, Fire and Medical Emergency Services around the world.

Due to continued growth and new commercial contracts, we are now looking to expand our development team with a Server Software Engineer.

Main Duties & Responsibilities

You will be joining a collaborative team, working closely with other internal stakeholders including other Software Engineers, QA Engineers, DevOps and Product Owners. Our current tech stack includes C#, ASP.Net, .Net Core, containerisation with Docker, AWS, Microservices, JavaScript, React and Xamarin for Mobile Development. We work to SOLID principles where possible and operate in an Agile methodology. We don't expect you to have experience with every technology listed here, but if you're interested there is always an opportunity to learn (and we give all our Developers access to Pluralsight just for this reason!).

As the Server Software Engineer you will be focusing on the backend development of our applications, working to help us improve the overall experience of our products through identifying areas of the code and user experience to improve, as well as adding new features and functionality. We're looking for a Developer with a passion for building high-quality software, with strong engineering principles and a desire to work in an Agile environment.

- Maintain existing and add new features to our web based GIS platform based on user feedback and demand, working from a prioritised backlog
- Analysing application specifications and technology approaches to ensure business requirements are met
- Writing code in C# for server applications (micro services, Docker containers, AWS)

Key Requirements

Essential

- Experience building web-applications in a microservices environment
- Experience coding with C#, ASP.Net, Restful API
- SQL Server
- Experience in Design Patterns
- A knowledge and experience of working to development best practices
- Extensive knowledge of object orientated programming
- Communicate comfortably with internal stakeholders and immediate team.
- Experience in using GIT source control (Branching, Pull Requests, Merge and rebase)
- Knowledge of software development life cycle and Agile practices
- Comfortable working in a green field site which iterates and changes rapidly
- Ability to work without supervision and under pressure

Desirable

- Experience or knowledge in TDD unit testing
- Knowledge of NoSql databases (e.g. MongoDB)
- Frontend experience with HTML, CSS, JavaScript, and React (or similar framework)
- Mobile development with C# and Xamarin across iOS and Android
- Knowledge of GIS systems
- AWS
- Experience of developing secure server microservices

Airbox Systems is an equal opportunity employer. We are committed to building a team which represents a variety of backgrounds, perspective and skills.