

In the company of INNOVATORS

ATKINS

Member of the SNC-Lavalin Group



Business area: Aerospace, Defence, Security and Technology (ADS&T)

Requirements: Minimum 2.2 Bachelors or above in; App Development, Computer Science, Engineering, Geography, Geospatial, GIS, IT, Information Technology Communications, Maths, Physics, Science, Software Engineering, Systems Engineering, Technology

Our teams and what they do

About Us

Technology Solutions is Atkins' largest team of Software Engineers who develop bespoke software solutions for clients. We design, develop, and maintain software for clients in government, infrastructure and industry. We are software specialists as well as consultants – as consultants we build relationships with our clients to help understand their requirements, but we spend most of our time writing code and building solutions to solve their problems!

Our solutions include:

- Integrated Hardware and Software Solutions
- Business Information Systems
- Mission Critical Software
- Geospatial Solutions and Data Visualisation Platforms
- Algorithm Development and Decision Support Tools

Technology Solutions Engineers often collaborate with colleagues from across the Atkins business to deliver a software solution in a specialised industry that is more than the sum of our parts. For example, Technology Solutions Software Engineers worked with Security Experts, Passenger Experience Specialists and experienced Aviation Project Managers to develop a Biometric Passenger Identification solution at Heathrow.

Most of our software solutions are web or desktop applications created using the Microsoft Stack (C#.NET, Visual Studio, Azure, DevOps) though sometimes with Postgres databases rather than MSSQL. We also use Python, C++, a wide variety of JavaScript frameworks and are flexible about picking up new languages and technologies when needed.

The Role

As a Graduate Software Engineer, you'll play a vital role in solving our clients' big challenges. You'll get involved across the whole Software Development Lifecycle, developing, delivering and supporting bespoke software solutions. You'll have the opportunity to build and expand your skillset on our wide variety of projects, from cutting edge prototypes to maintaining and extending large, established solutions. As a Graduate Software Engineer with the Technology Solutions team at Atkins, you will:

- Design, develop, test, deploy and support software solutions, working in dedicated teams following an Agile delivery methodology
- Document the design, development and delivery of technical solutions
- Work with clients to understand their requirements and demo new features
- Be supported by senior staff and given training to develop your skills

We're looking for:

- Minimum 2.2 Bachelors or above, Software Engineering, Computer Science, STEM or Geography/GIS
- Some experience of software development in any language through any combination of academic study, work experience or personal projects is required.
- Strong communication and collaboration skills
- Keen to learn new skills and technologies

Our Early Careers Programme is the ideal framework to enable enthusiastic people to drive their own career development. You will be supported and motivated to develop the skills and knowledge you need to progress in your early career. Our programme features signature events, core training modules, professional development mentoring and on-the-job experience.

We offer a world of opportunities that will enable you to shape your career the way you want to.

You will be given the independence and responsibility to drive your career alongside having a supportive structure in place to help you grow, with guidance from experienced consultants & engineers. You will work on real life projects and being given a variety of assignments.

Our early careers programmes embrace an amazing culture and social aspect to allow you to network and build professional relationships which will enhance your development.

Locations for this business will include: Bristol, Epsom, London, Manchester

To apply, please return to the main job specification