Office for
National Statistics

Frontend Engineer - Digital Publishing

You'll be part of an in-house development team in the Digital Publishing division at the Office for National Statistics. You'll ensure high quality code is delivered to meet user needs. You'll work with user researchers and UX designers to build robust and accessible user interfaces.

You'll thrive using agile methods and enjoy working openly, collaboratively and as part of a multidisciplinary team of front-end engineers, back-end engineers, site reliability engineers, interaction designers, user researchers, service manager, product owner and performance analyst.

As a member of the Digital Publishing team, you'll share responsibility for:

- The ONS website – https://www.ons.gov.uk
- Our developer site – https://developer.ons.gov.uk
- Our performance dashboard – https://performance.ons.gov.uk
- Florence (our CMS) – https://github.com/ONSdigital/florence

Our current front-end technology stack includes HTML5, CSS3, Javascript and ReactJS. You'll also contribute to some front-end components built with Go.

Main responsibilities

- build accessible interfaces to web services to serve a variety of citizen and government needs, taking responsibility for the quality of code you produce
- build automated tests to support our continuous integration environment
- support the day to day operation of our live services, through investigating and fixing live service incidents, performance improvements and ongoing maintenance
- share knowledge of tools and techniques with your team (both developers and non-developers) and with the wider frontend community

Things you might be working on in a typical day

- investigate, prototype and develop improvements to our website, content management system, developer site and performance dashboard
- contribute to the development of frontend web services
- participate in technical planning, design and code reviews

What we'll do for you

- provide you with training, mentoring and support from an experienced multidisciplinary team
- give you the freedom to work with modern and relevant technologies including React, ES6, Go and Amazon Web Services with a MacBook Pro development environment

Skills and experience

These are the skills and experiences that might be suitable for this role. An interest in solving the problems we face is much more important than having experience in everything listed.

- experience in front-end development, with detailed knowledge of HTML, CSS and Javascript, including cross-browser and cross-platform support
- experience of building and maintaining complex client-side Javascript applications
- experience of building products which meet the GDS digital service standards
- understanding of software design principles, including progressive enhancement
- experience in building robust and accessible interfaces that work for as many users as possible, regardless of their needs
- experience of mentoring and supporting junior engineers
- ability to quickly research and learn new programming tools and techniques
- a systematic approach to solving problems, and using testing to validate solutions
- understanding of agile environments and version control
- an understanding of front-end web security including standards compliance, OWASP and common attack vectors
- an awareness of technologies used for web applications, e.g. HTTPS, JSON and CDNs, and use of Unix-like operating systems, e.g. Linux and/or Mac OS