

Gareth Ferguson

Lead Software Engineer

Personal Details

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About Me

I am an enthusiastic Lead Software Engineer who specialises in web technologies such as Typescript/Javascript, Node, React, GraphQL and more. After graduating from Northumbria University with First Class Honours, I have gained experience working in a variety of roles from large organisations down to small start-up companies. In addition to the technical skills I already have, I am always passionate about learning the latest web technologies to create better web experiences. I also have had experience in my recent roles of leading teams of developers and line management before moving to contract roles.

Skills

- Managing teams of software engineers
- Javascript – Modern ES6 JS, Webpack/Vite, Storybook
- React
- Next.js
- Typescript
- Node
- AWS and other Cloud Services such as Azure, GCP AutoML, Netlify
- GraphQL
- Docker
- Headless CMS (Contentful, NetlifyCMS)
- Jest / React Testing Library, Playwright
- Mongo
- ElasticSearch
- Emotion Styled Components, Styled System, SASS, CSS & HTML5, Tailwind
- Agile SCRUM and Kanban
- Angular, AngularJS
- Sitecore® XP 8 Website Development for .NET Developers Certification, Umbraco

Career

March 2023 – present - Senior Software Engineer (Contract) - Hargreaves Lansdown (via Equal Experts)

Helping to build Financial products to help customers manage their finances. In this role I have spent a lot of time using Gitlab CI to automate the build workflow and AWS CDK to build infrastructure. The application has been built using Next.js, Typescript, AWS Lambda and Playwright.

August 2022 – Jan 2023 - Senior Software Engineer (Contract) - UKFD

Working with an online ecommerce flooring store to move from a legacy system to a modern tech stack. The new application is built in Next.js to build pages from product data stored in Contentful. The new back end is built with Nest and GraphQL, using various AWS services.

November 2021 – August 2022 - Lead Software Engineer, Boohoo

Leading a team of 7 developers across Boohoo's back end applications, dealing with the process of getting products to the warehouse from the factories and supplier management. Responsibilities include coordinating with the product team leading technical refinement of features and line management of developers. The team has 3 separate full stack applications using React, Node and AWS as the primary tech stack.

January 2020 – November 2021 - Lead Software Engineer, Hive HR

Hive is an employee voice platform providing Surveys and other features to customers. In this role I have managed engineers within the team, having bi-weekly 1:1 sessions to check in on their wellbeing and progress while leading projects to deliver value and features.

In addition to management and leadership, I have also developed features across the full stack including AWS infrastructure, Node micro services (Typescript), AutoML, ElasticSearch and Mongo for storage, GraphQL and React.

September 2018 – January 2020 - Lead Developer, Home Group

Leading a team of 6 developers across multiple projects and applications. This role includes mentoring developers, conducting interviews and working with internal clients to deliver projects. I have primarily been involved in using full stack Javascript across a large micro service based Node application and a React front end.

September 2017 – September 2018 - Developer, Hedgehog Lab

I have worked as a Javascript developer across multiple projects but working primarily with React and a large project with AngularJS and native JS (ES6+) for a large London based stockbroking organisation.

October 2014 – September 2017 - Web Developer, TH_NK (now EPAM)

At TH_NK I have worked on several projects as part of large teams for clients such as Very, Arup, Anglian Home Improvements, Atom Bank, J20, Vue and Warner Bros Studio Tours. This involved working in a high pressure environment to deliver ambitious projects using various tech within the Javascript ecosystem and large Content Management Systems.

November 2012 – October 2014 - Web Developer, Leighton

This role involved working with a high profile client in British Airways. I worked with a team based in London to develop key functionality such as the payments page, flight selling flow and user account pages.

January 2012 – October 2012 – Front End Developer, Happiest

Happiest was an ambitious social networking startup that aimed to build loyalty rewards around a social networking platform used by over 3000 users in many countries. This used a PHP based API to provide content to a JavaScript front end application.

June 2009 –August 2010 Developer of Online Educational Resources, Northern Grid

I worked as part of a team to deliver online resources to teachers and students throughout the region.

Higher Education

BSc (Hons) Multimedia Computing 2007-2011 , achieved a 1st Class degree.

References available on request