

Kieran Roberts

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Personal Statement

Product-focused Software Engineer driven by solving complex problems and working within highly collaborative environments. Based in Ireland and possessing near 4 years worth of industry experience operating in highly dynamic teams building full-stack JavaScript and TypeScript applications. With the knowledge of driving large scale projects from concept stage through development, testing, deployment, and iteration, striving for the best possible UX. Proven experience developing complex features from UI, to API creation and integration, all the way to cloud infrastructure requirements.

Work Experience

Full-Stack Software Engineer, [Hashnode](https://hashnode.com), Remote

May 2021 - Jan 2025

- Working closely with a dynamic 6-12 person developer team writing code largely in React and TypeScript to enable the growth of one of the top online developer communities, with a +50k monthly active user base.
- Coordinating with the design team and product managers to deliver several key full-stack features for our popular blogs product. Contributing to a roughly 250% increase in new blogs created by users per month since joining the team.
- Spearheaded an end-to-end Cypress test setup for the frontend including CI pipelines using GitHub Actions that helped increase confidence in code and decrease the number of bugs.
- Assisted in building and maintaining an in-house React UI library from scratch built on Radix UI, coordinating with the design team to bring consistency and accessibility across site UI/UX.
- Delivering key UI accessibility improvements and initiated developer standards with regards to accessibility through developer documentation.
- Regular code reviewer and feature tester to help find issues, suggest improvements, and maintain code standards.

Various short term roles, New Zealand

Apr 2019 - Oct 2020

- Spent almost two years travelling and working in New Zealand taking up various short term work. Roles included Maitre' D, wait staff, hostel receptionist, and more.

Customer Service/Cashier, Asda Walmart, United Kingdom,

June 2017- April 2019

- Customer service desk/ checkout operator colleague dealing with customer refunds and exchanges as well as queries, complaints, and the sale of age-restricted goods.

Technical Skills

TypeScript (JavaScript) - React - Next.js - Git - GitHub Actions - HTML - CSS - TailwindCSS - Jest - Cypress - GraphQL - Node.js - SQL - MongoDB - AWS services (Lambda, CloudWatch, S3, DynamoDB and more) - Cloudflare.

Software testing - code review - CI/CD - accessibility - test-driven-development - performance optimisation - technical and creative writing - design collaboration - agile methodology.

Soft Skills

Problem solving

- Being part of an efficient developer team at Hashnode required quick evaluation of complex problems and the delivering of efficient solutions on a daily basis.

Communication & teamwork

- Direct and constant communication is a vital cog of working in a fully remote team. Not only communication within the developer team, but over communication between departments, especially the design team where close collaboration with the product team was key.

Decision making

- Each day working at a fast paced startup is an opportunity to work closely with the design team to make informed decisions to improve the user experience from physical testing, key data points, and customer feedback.

Achievements

- Open source contributor to DefinitelyTyped, providing type definitions for an existing package.
- More than 125k views on my developer blog with articles featured in various popular newsletters for topics such as software testing.

Education

Bangor University, Bangor, Wales, United Kingdom

Sep 2013 – May 2017

- Integrated Masters Degree in Electronic Engineering (MEng) with first-class honors.

Llangefni High School, Llangefni, Wales, United Kingdom

Sep 2006 – May 2013

- 3 A Level awards - Electronics (B), Maths (C) and Physics (D),
11 GCSE grades A* - B and Welsh Baccalaureate award provided by WJEC (Pass).

References

Available upon request.