

Kieran Roberts

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Personal Statement

Product-centric Full-Stack JavaScript Engineer driven by solving complex problems within highly collaborative and fast-paced work environments. Based in Ireland with 4 years of industry experience building full-stack React and TypeScript applications, with a focus on product UI and UX within both B2C and B2B models. Possessing the knowledge of driving large scale projects from the concept stage through to development, testing, deployment, and iteration, and always striving for the best possible UX based on the problems of the customers.

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 and trusted by several top teams within the tech space.
- Coordinating with the design team and product managers to deliver several key full-stack features for the popular blogs product, a result of listening to customer feedback and key custom metrics. This contributed to a roughly 250% increase in new blogs created by users per month since joining the team.
- Assisted in building and maintaining an in-house React UI library from scratch with Radix UI and Storybook. Coordinating closely with the design team to implement the design system and bring consistency and accessibility across site UI/UX.
- 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.
- Delivering key UI accessibility improvements and initiated developer standards with regards to accessibility through developer documentation based on web accessibility guidelines.
- Regular code reviewer and feature tester to help find issues, suggest improvements or alternative options, 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 - Storybook - 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 based on what were the determined high priorities.

Communication and collaboration

- Direct, regular, and concise communication is a vital element in operating successfully within a fully remote team. Not only within the developer team, but also between departments and with stakeholders.

Decision making and proactivity

- Each day working at Hashnode required making informed decisions with urgency to improve the product user experience from physical testing, key data points, and customer feedback. Often having to balance a fine line of not going too wide or deep on a feature too early.

Achievements

- Open source contributor to DefinitelyTyped, providing new type definitions for a 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.