

Joshua Robinson

Junior Software Developer

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[GitHub](#) | [LinkedIn](#)

Personal Statement

I am a junior software developer looking to break into his first major full-stack role exploring different tech stacks beyond web development. I rediscovered a love of problem solving and creative thinking when I moved from video engineering into coding, which stemmed from an initial belief that it would compliment an existing skill set. I strive to take great care with my work, and to justify it with honest, straightforward conversation. I look forward to expanding my knowledge into challenging spaces and applying it in the pursuit of making people's lives easier.

Technical Skills

Languages: JavaScript and TypeScript, using Node.js and browsers as environment. Currently learning C#/.NET.

Testing: Test driven development (TDD), Jest, Supertest, Vitest.

Back-end: SQL, PSQL, seeding and migrations.

Front-end: HTML, CSS, React, React Native, Bootstrap React, Next.js, Lighthouse and other accessibility tools.

Hosting: Cloudflare, Netlify, Docker.

Other: Paired programming, technical communication, SDL, Agile and SCRUM methodologies.

Projects

NC News Back End - Javascript, Express.js & PSQL

Engineered the back end for a bulletin-style website with a hosted API coded in Javascript and PostgreSQL.

NC News Front End - Javascript & React

Designed and implemented the front-end of the NC News bulletin site with Javascript and React.

Katatak - Typescript & React Native

A full-stack mobile application for practicing code implemented with Typescript and React Native as part of the final project on the Northcoders software engineering track. [Backend GitHub Repo](#) - [Frontend GitHub Repo](#).

CP Calc - Javascript & React

A front-end application that calculates carbohydrate portions for type 1 diabetics. Utility functions were written in JavaScript and tested with Jest. The front-end was written with JavaScript, React and Bootstrap. [GitHub Repo](#).

Work Experience

Trainee Software Developer, Northcoders (November 2023 to March 2024)
13 weeks of coding full stack web development with a focus on JavaScript, TDD, SQL and React. Paired programming was common practice as well as reading and writing technical documentation. Summed up with a group project phase where a mobile coding kata app was designed and delivered over three weeks.

Video Engineer, Clockwork Dreams (February 2019 to November 2023)
Provided video conferencing and webcasting solutions to the corporate events sector. Project highlights included the design, documentation and implementation of virtual courtroom solutions during the pandemic.

Audio Visual Manager, She's Gott It Events (May 2017 to January 2019)
Technical production management of events including crew and equipment logistics. Delivered creative solutions for a variety of live events under tight budgetary constraints and short turnarounds.

Freelance Audio Visual Technician, UK & AU (November 2010 to April 2017)
Technical production expertise was provided in the fields of camera operation, projection and display setup, broadcast mixing and video editing for live events and in-house meeting room support in London and Sydney.

Education

Graduate Diploma in Producing & Screen Business | Australian Film Television & Radio School | Graduated 2012

Foundation Diploma | Australian Film Television & Radio School | Graduated 2010

Hobbies and Interests

I regularly attend coding events in Newcastle and the North East, completing katas and challenges with local developers as well as keeping up to date with local and regional industry. I also continue to work on my own coding projects, and find ways of combining it with my other hobbies such as 3D printing and tabletop gaming.