Adam Saunders
Software Developer

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Personal Statement

As a team-oriented problem solver, I've found a real passion for coding. It started when I completed the Northcoders software development bootcamp and discovered that programming both challenges me and allows to me find interesting solutions to problems. Changing careers to software development was a huge leap, but I've found that the skills I honed as a teacher have been incredibly useful, such as communicating effectively, thinking reflectively and having a keen eye for details. I'm excited to keep learning new technologies and develop my skills even further.

Technical Skills

Languages: JavaScript, Typescript
Front-End: React, React Native, Tailwind, Next.js, Axios

Back-End: Node.js, Express, PostgreSQL, Supabase
Testing: Jest, Supertest, TDD

Projects:

App Idea Generator: — Repo
‣ React Native project which leverages OpenAI models to generate app ideas based on some user prompts such as key features or skill level.

Portfolio Site: — Repo - Live
‣ A responsive site built with Typescript and Next.js to show my skills and projects .

SoundWaves: — BE-Repo - FE-Repo - Live
‣ Twitter/Reddit inspired web app where users can upload and listen to voice recordings (Waves). These can be posted to boards on different topics. Users can listen to Waves continuously from anywhere on the site. Transcripts are also generated for users to view and to mark explicit content.

NC News: — Repo - Live
‣ Responsive web app built with React and Axios. Allowed users to make CRUD requests to the API below. Data from the API is also able to be filtered easily and feedback is given in the case of any user or server errors.

NC-News API: — Repo - Live
‣ RESTful API for news articles using Node, Express and PostgreSQL. Uses the MVC model and built with Test Driven Development.

Experience

Northcoders: Junior Developer — May 2023 - August 2023
An intense 13-week software development bootcamp which covers the fundamentals of coding with a focus on JavaScript and working in the Agile methodology . The course is full-stack, covering RESTful APIs with Node and Express for the back-end as well as React for the front-end before students are left to explore different technologies for their final group project.

Primary School Teacher: — September 2018 - March 2023
‣ Taught classes of around 32 in Year 3, 5 & 6.
‣ Led Design and Technology for the whole school.
‣ Communicated effectively with colleagues and parents.
‣ Directed a Teaching Assistant daily.
‣ Wrote detailed reports on children's progress.
‣ Organised a successful fundraising effort for a new cookery room.

Education

University of Reading:
‣ Primary Education with Music - 2:1
‣ Elected secretary for Music Society

Wymondham High Sixth Form:
‣ Mathematics - D
‣ Music - C
‣ Music Technology - B