Adam Saunders
Software Developer

Portfolio 🌐 LinkedIn in
contact@adam-saunders.dev ✉
Github
Norwich, Norfolk 📍 07935 814870 📞

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 me to 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

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

Projects:

Band Coach Arranger Tool: Repo- Live
- A Progressive Web App (PWA) built with Next.js designed to assist with my role as a band coach, streamlining session planning and organisation. This tool ensures seamless access on work devices, even in offline mode due to the use of Service Workers, making it reliable in environments without Wi-Fi.

Reading Genie: Repo- Live
- An AI-powered app built using Next.js and Firebase originally created during Sync The City 2023 to help engage children with reading. The app generates custom facts and interactive content tailored to each child, making reading more exciting.

App Idea Generator: Repo
- A React Native project that uses OpenAI models to generate app ideas based on user inputs such as desired features or skill level. This app helps developers and entrepreneurs brainstorm new app concepts.

Portfolio Site: Repo - Live
- A responsive portfolio site built with TypeScript and Next.js to showcase my skills and projects. All components were custom made and it also utilises Sendgrid to allow for emails to be delivered through the contact form.

SoundWaves: BE-Repo - FE-Repo - Live
- A social media-inspired web app similar to X and Reddit where users can upload and listen to voice recordings ("Waves"). Built with a Node.js back-end and a React front-end, the app features continuous playback of Waves. It also includes an auto-generated transcription feature and an explicit content filter.

NC News: Repo - Live
- A responsive web app developed with React and Axios, allowing users to perform CRUD operations on news articles. The app integrates with a custom-built API and provides robust error handling and data filtering capabilities.

NC-News API: Repo - Live
- A RESTful API for managing news articles, built with Node.js, Express, and PostgreSQL. The API follows the MVC architecture and was developed using Test-Driven Development (TDD).

Work

iRock School of Music: Band Coach **February 2023 - Present**

‣ **Responsibilities:** Deliver engaging 30-minute band sessions for groups of up to 9 children, teaching them to play guitar, drums, keyboard, or sing, in multiple schools across Norfolk.

‣ **Skills:** Enhanced organisational skills by managing time efficiently to arrive at schools punctually and set up all necessary equipment before classes. Improved communication and instructional abilities through clear guidance and feedback to students as well as liaising with school staff and parents to organise end of term concerts.

Step Teachers: Supply Teacher **September 2022 - February 2023**

‣ **Responsibilities:** Provided teaching support across various schools in Norfolk on a daily basis.

‣ **Skills:** Strengthened adaptability and quick thinking by adjusting to different teaching materials and schedules daily. Enhanced collaboration skills by working effectively with new colleagues in diverse settings.

Northcoders: Junior Developer **May 2023 - August 2023**

‣ **Responsibilities:** Completed an intense 13-week full-stack development bootcamp with a focus on JavaScript, Agile methodology, and RESTful APIs using Node.js, Express, and React.

‣ **Skills:** Gained hands-on experience in full-stack development, including creating RESTful APIs and developing user interfaces with React. Strengthened teamwork and communication skills by collaborating on a final group project using Agile practices.

Primary School Teacher **September 2018 - March 2023**

‣ **Responsibilities:** Taught classes of 32 students in Years 3, 5, and 6. Led the Design and Technology curriculum for the entire school. Managed daily activities with a Teaching Assistant and communicated regularly with parents about student progress.

‣ **Skills:** Developed leadership and project management skills by leading school-wide initiatives, including a successful fundraising campaign for a new cookery room. Enhanced problem-solving abilities through daily classroom management and curriculum development.

Education

University of Reading: **September 2015 - July 2018**

‣ Primary Education with Music - 2:1