Mohammed Saabir Ahmed

Junior Software Engineer

Portfolio | GitHub | LinkedIn

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Manchester (Open to Relocation)

Passionate about technology and creative practices, I studied Software Engineering at Manchester Metropolitan University. My skills, furthered at Northcoders bootcamp, blend with a creative background in photography and videography. Seeking a development team role to enhance my software engineering skills.

Technical Skills

- **Languages:** C#, JavaScript, TypeScript, Node.js
- **Testing:** Test Driven Development (TDD), Jest, Supertest
- **Back End Technologies:** Express.js, PSQL, SQL, Seeding, Migration, Database Optimisation
- **Front End Technologies:** HTML, CSS, React, Tailwind, Lighthouse Accessibility Tools
- **Hosting:** Cloudflare, Render, Netlify, Vercel, Supabase, Firebase
- **Other Skills:** Paired Programming, Leadership, Project Management, Technical Communication, SDL, Agile and Scrum Methodologies

Work Experience

Lead Junior Developer – (Long-Term Contract)

PairSniper, Manchester

Jan 2024 - Present

Implemented a scalable REST API using Express, Node using TDD practices alongside Jest Libraries. Developed complex algorithms to build self-maintaining database which inserts, updates, and deletes cryptocurrency data using cron functions that run periodically from every minute to daily. Deployed a front-end client using React, MUI and Tailwind, which leverages Supabase Real-Time to visualise the data live. Led a small team of three juniors to complete project. Overseeing future development for private client.

Trainee Full Stack Developer

Northcoders, Manchester

Oct 2023 – Jan 2024

Strengthened my full stack development skills at a dynamic bootcamp, mastering tools such as Node, React, and Express. Built API's and deployed applications, while collaborating on in-depth projects that enhanced my teamwork and adaptability in diverse development environments.

Pharmacy Assistant

AliPharma LTD, Manchester

Dec 2015 - Present

Manage prescriptions accurately, ensured safe medication dispensing with adherence to pharmacy procedures. Using RX Management software to handle prescriptions, maintaining medication inventory. Developed a proficiency in customer service whilst working in a fast-paced team setting.

Projects

SquareUp Boardgame Meetup Mobile App - Group Project
- Developed a cross-platform mobile app using React Native with Firebase for user authentication and real-time database functionality.
- Integrated Google Maps for event location and navigation.
- Adopted an agile environment, emphasising iterative development and continuous feedback.
- Implemented an in-app chat feature to facilitate user communication.

News API Application - Solo Project
Developed a robust API from scratch using Node.js, Express.js, and PostgreSQL. Employed TDD practices with Jest and Supertest to ensure functionality and reliability. The project, hosted with Render and utilizing ElephantSQL for production, received approval from Northcoders mentors and is managed on GitHub. Deployed a user-interactive news API application on Vercel, employing React for the frontend. Prioritized UI planning and architecture to mitigate development delays. Features user engagement with comments, voting, and content navigation.

Education

Computer Software Engineering

Manchester Metropolitan University - *(Sep 2018 - May 2022)*

Bachelor's Degree (BEng) - Upper 2nd Class

Honours **Computer Software Engineering**

Bolton University - *(Oct 2017 - May 2018)*

Foundation Degree - Upper 2nd Class Honours