Hanif Uddin

Software Developer

Rochester, Kent (Open to relocation)
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Portfolio | GitHub | LinkedIn

A self-motivated and persevering software developer that enjoys creating user-focused software applications. Having enjoyed the programming aspect of my engineering degree, I bravely transitioned from mechanical to software engineering. As an engineering graduate, I developed a wide technical skillset through projects that are essential in the industry. I am dedicated to continuously learning new technologies and improving upon skills in software development, aiming to become a full-stack developer.

Technical Skills

- ➤ **Languages**: JavaScript, C#
- ➤ **Testing**: Test Driven Development (TDD), Jest, Supertest, Unit testing
- ➤ **Back-End**: Node.js, ASP.NET Core, PostgreSQL, SQL Server, SQL, RESTful APIs, Express, Entity Framework core, seeding, migrations
- ➤ **Front-End**: React, React Native, Bootstrap, Tailwind CSS, HTML5, CSS3, responsive-design
- ➤ **Version Control**: Git, GitHub
- ➤ **Hosting/Cloud**: Azure, Netlify, Render, Supabase
- ➤ **Soft skills**: Paired-programming, technical communication, problem-solving, proficient reasoning ability, ambitious drive, team-player, attention to detail, SDL, agile and SCRUM methodologies

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Projects

Events Platform Project - **React | Express | Bootstrap | Supabase | PostgreSQL**

Developed a full-stack web application that functions as an events platform site for a client. The site allows users to view, and sign up for hosted events, being able to add to their calendars. The back-end consists of an express server application for accessing and storing user & event data, along with utilising the Supabase API for applying best user authentication practices. During the front-end phase, various components were built, combined with utilising state and context hooks, routers and the bootstrap library. The UI was designed with a responsive design approach and implements optimistic rendering for a seamless user experience.

Medway Basketball App – **C# | ASP.NET Core | MS SQL Server | Azure | React | Tailwind**

Created a personalised basketball app that provides player rankings, data and latest basketball news for a client. The site was designed in React with the use of Tailwind CSS for seamless styling. For the server-side application, a Web API was developed using C# that ASP.NET Core's libraries were used to build the various endpoints covering CRUD operations. The database was built with SQL Server, using EF Core as the ORM to create the migrations. Ultimately, the API and site was hosted successfully using Azure and Netlify.

Hockey League Full-Stack Mobile App Project – **React Native | RN Paper | Expo | PostgreSQL**

Developed a full-stack mobile application in React Native for a hockey association in Leicester. The app allows users to login and view league standings, game fixtures, as well as update match results through administrative access. The front-end design was built utilising the components available in React Native Paper library. The back-end consists of a RESTful API that was built using Node and PostgreSQL for reliable and scalable data. The app successfully delivers a polished and user-friendly mobile interface for both players and management.

Work Experience

Junior Full-Stack Developer | Freelancing   March 2024 – Present

Description: Collaborating with developers and utilising software development skills to plan, design, build and deliver projects for clients.

➢ Pair-Programming: Collaborated with colleagues when completing sprints. Effectively delegated tasks to colleague as a "navigator" and written clean, maintainable, and well-tested code as instructed from colleague as a "driver".

➢ Technical Communication: Translated technical project information into clear and understandable API documentation for convenient use, as well as being keen to have shared complex concepts and knowledge to clients in an intelligible manner.

➢ Adaptable: Seamlessly transitioned to adapting new technologies, methodologies and frameworks to efficiently tackle evolving project requirements and progressive industry standards.

Engineering Ambassador | Lancaster University   December 2022 – September 2023

Description: Promoting the School of Engineering to prospective students and applicants via delivering and supporting various engaging events and addressing queries proficiently.

➢ Time Management: Managing and supporting the delivery of tours and activities of the department.

➢ Teamwork: Communicated and collaborated with fellow colleagues when setting up events.

➢ Working under Pressure: Maintained positive attitude and ensured seamless experience for guests during fast-paced events.

➢ Leadership: Delegated tasks to fellow team members and coordinated open day activities.

Warehouse Operative | Argos   August 2022 - September 2022

Description: Picking, packing, sorting, and loading orders for delivery in a fast-paced work environment.

➢ Organisation: Picked items were processed and placed in the correct area, kept the sortation area clear and clean.

➢ Communication: Shared operational updates of the facilities and allocated different tasks with other members to meet quotas efficiently.

➢ Reliable: Responsible for training new employees to perform the duties successfully.

➢ Self-motivated: Built and maintained a can-do approach during operational setbacks, being self-incentivised to take up extra duties.

Education

Northcoders | Software Development Course   March 2024 – June 2024

13-week intensive software development bootcamp which involved learning both front-end and back-end technologies in order to build full-stack application projects.

Lancaster University | Mechanical Engineering BEng Hons   October 2020 – June 2023

Grade: First-Class

Relevant Modules: Programming Fundamentals, Instrumentation and Control, Engineering Projects

Sir Joseph Williamson's Mathematical School, Rochester | A-Levels   September 2018 – July 2020

Mathematics - A; Physics - B; Design & Technology - C

Interests

➢ I attend gym and workout at home, which has improved my physical strength and mental wellbeing. I am currently trying to perfect my handstand.

➢ I take a keen interest in tinkering with computer hardware and building PCs from scratch, having built my first one already.