IBRAHIM ULLAH

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PERSONAL PROFILE

I am a motivated Full Stack Developer with hands-on experience building responsive web and mobile applications using JavaScript, React, Node.js, and PostgreSQL. After rekindling my interest in software development, I completed Northcoders' intensive software engineering bootcamp to gain solid foundations in software and web development principles. With background in different sectors, I bring strong communication and problem-solving skills into tech. I am currently building my skills with Typescript and cloud services while staying focused on clean, efficient development. My attitude to learn, grow, and resilience enables me to approach challenges with determination and creativity.

TECHNICAL SKILLS

Programming language(s): JavaScript, Typescript

Back-end & databases: Node.js, Express.js, PostgreSQL, SQL, MongoDB

Front-end & frameworks: HTML / CSS, React, Next.js, Vue.js, Tailwind CSS, Sass

Testing & version control: Test-Driven Development (TDD), Jest, Supertest, Git, Github

Hosting and developer tools: Netlify, Vercel, Render and other accessibility tools

Soft skills: Paired programming, Software development lifecycle, Agile and Scrum methodologies

EXPERIENCE

Freelance Software Developer | Tech Returners

September 2024 – October 2024

 Delivered a fully responsive Minimum Viable Product for an exhibition curator platform as part of Tech Returners' Launchpad project. Built using Next.js, React, and Tailwind CSS with a focus on accessibility and performance.

Part-time School Teacher | Rawdhatul Ilm Education Centre

September 2021- February 2023

 Taught a class of fifteen students (aged 9-10) basic Arabic pronunciation and foundational religious rulings. Planned lessons, set tailored homework, and supported individual learning needs to help each student progress confidently.

Further professional experience available upon request

PROFESSIONAL DEVELOPMENT

Software Engineering Bootcamp Student | Northcoders

January 2024 – April 2024

Completed a 13-week intensive bootcamp by a top-rated coding school, focused on building full-stack applications using the PERN stack (PostgreSQL, Express, React, Node.js), while gaining hands-on experience in Agile methodologies, Test-Driven Development (TDD), and CI/CD workflows.

NC News backend API

Developed a REST API using JavaScript, Express.js, and PostgreSQL. Applied Test-Driven Development (TDD) to ensure robust handling of both success and error scenarios. Deployed the API using ElephantSQL and Render, ensuring reliable performance and scalability.

• NC News frontend website

Built a responsive frontend using React and CSS, integrated with NC News API. Planned the user interface with a component tree structure to manage states effectively and implemented wireframing for a clean design. Deployed the site through Netlify for seamless user experience and easy redeployment.

• Travelog Mobile App

A mobile app built with React Native and Firebase for logging trips, developed as part of a team of five. The app allows users to quickly upload photos (under 2 seconds) and sync data in real-time via Firebase's database, ensuring reliable storage even when offline. Authentication was implemented for secure, one-tap sign-in, providing smooth user experience.

PERSONAL DEVELOPMENT

• Exhibition Curator Platform

Developed a React and Next.js application to display and manage artworks. Improved load speed for 10,000 + artworks and integrated APIs from Harvard and Met Museum. Overcame challenges with data retrieval by implementing advanced search features, enhancing user experience and efficiency.

Code | Live Website

• Football Live Score App

Developed using React and Next.js, this app delivers real-time football league standings and player stats with updates under 5 seconds. Used React Query to efficiently cache data and reduce failed API calls by 90%, ensuring smooth performance under API rate limits.

Code | Demo

• Portfolio website

Desing using HTML, CSS, and React, deployed via Netlify. Focused on creating a responsive, fast-loading layout to showcase projects. This serves as a personal branding tool, providing potential employers with easy access to my work.

Code | Live Website

EDUCATION AND CERTIFICATION

Architectural Engineering | University of Salford Level 3 Access to Computing | Tameside College

2021-2023

2020-2021

HOBBIES

- Sports enthusiasts- I enjoy playing and watching football and will play presently play when there is the opportunity.
- Films and TV- I have a strong interest in great storytelling and cinematography; I like to keep track of my favourites on my Letterboxd account when I remember.
- Food and dining- I enjoy discovering new cuisines and spending time with friends and family.
- Fitness- I am currently focused on improving my physical health and wellbeing through training.