Aqib Shabir

Full Stack Developer- **React.js, TypeScript, Node.js, SQL**

[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

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I am a Full Stack Developer specialising in **React, JavaScript, Node** and **SQL**. My current interests include **Three.JS, Next.JS** and **AWS.** My background in teaching and logistics has strengthened my communication, problem-solving, and organizational skills, which help me build efficient, scalable solutions as a Full Stack Developer.

Projects

Shopping Comparison Project ([Code](#) | [Video Demo](#))
December 2023 - April 2024

A full stack **Node.js** (**Express**), **MySQL**, **React**, **Redux** and **JavaScript** application created for users in the supermarket industry. This project leverages **Puppeteer** to scrape data from supermarket websites, enabling users to compare product prices across 8 leading UK supermarkets to find the best deals.

- ★ **Puppeteer Web Scraping**: Automates real-time price extraction from top UK supermarkets.
- ★ **Quagga.js Barcode Scanning**: Lets users instantly compare prices by scanning product barcodes.
- ★ **Price Comparison Algorithm**: Compares prices across UK supermarkets to find the best deals.
- ★ **Automated Cron Jobs**: Periodically updates product data, ensuring accurate and current pricing.

Stream Zone Project ([Code](#) | [Video Demo](#))
April - July 2024

A **React.js**, **Redux** and **TypeScript** application that uses **Prisma ORM** for **MySQL** database management. Built with **Next.js** and integrated with **Clerk** for authentication, this project simplifies stream setup for users, allowing them to easily configure an OBS stream using an in-app stream key.

- ★ **Live Streaming with LiveKit**: Enables seamless live streaming via integrated LiveKit Client.
- ★ **Real-time Chat with WebSockets**: Instant, interactive live chat during streams using websockets
- ★ **Sleek UI Design**: Intuitive, user-friendly interface for easy stream setup and management.

Culina Group Project ([Live Link - chat app](#))
October 2024

Built with **Next.js** and **React,** this project features two MVPs developed for Culina Group. The first is a prototype for a **real-time chat application** using **Firebase** that improves communication between warehouse workers and management. It eliminates the need for workers to search for managers across the warehouse, allowing for instant messaging and faster responses. The second MVP is a **dashboard application** that visualizes **real-time data** and demonstrates how **TensorFlow** could be used to predict future warehouse trends, such as peak periods, to optimize task allocation and operations.

Experience

Culina Group - Inventory Control Specialist
March 2022 - Present

Auditing the accuracy and quality of inventory using software provided by Amazon.

- ★ Developed **MVPs** for **internal software solutions**, enhancing workplace efficiency
- ★ Utilized **data-driven analysis** and quality control methodologies ensuring accurate inventory
- ★ **Collaborated with teams** to resolve discrepancies and improve inventory accuracy.

Various Teaching Roles
Dec 2018 - April 2022

Taught English language skills to students of various levels, tailoring lessons to meet diverse learning needs and fostering an engaging, supportive classroom environment.

- ★ **Simplified complex topics** into digestible lessons, aiding in clear documentation and mentoring.
- ★ Adapted to diverse needs and challenges, enhancing **problem-solving skills**.
- ★ Fostered **strong communication** and **collaboration** with colleagues.

Education

Full-Stack Software Engineering Bootcamp
Jump Digital School, Remote, September 2023 - January 2024

- **JavaScript** fundamentals
- **React**
- Unit Testing (**Jest**)
- **Docker**
- **TypeScript**
- **Git / GitHub**

BA Hons Philosophy & English Literature
Bangor University, UK, September 2014 - June 2018

AWS Cloud Certified Practitioner Certificate
Remote, July 2024

Interests

Content Creation: Actively engaging with a growing community of gamers on Twitch through live streaming, where I share gameplay, interact with viewers, and cultivate a positive and inclusive online environment.

Cooking: Committed to expanding my culinary skills by learning new recipes each week.

Reading: Enjoy reading science fiction and mystery novels to enhance creativity and critical thinking.