

Aqib Shabir

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

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

[Email](#) | [Phone](#)

Chester, UK

Full Stack Developer specialising in **React**, **TypeScript**, **Node.js**. Experienced in building scalable web applications and optimizing workflows.

Projects

Shopping Comparison Project ([Code](#) | [Video Demo](#))

December 2023 - April 2024

Full-stack application designed for users in the supermarket industry to compare product prices across 8 leading UK supermarkets. Built with **Node.js (Express)**, **MySQL**, **React**, and **Redux**.

- **Puppeteer Web Scraping:** Automated daily price extraction for thousands of products across multiple supermarkets.
- **Quagga.js Barcode Scanning:** Integrated instant price comparisons through barcode scanning.
- **Automated Cron Jobs:** Automated weekly updates to ensure accurate pricing.

Stream Zone ([Code](#) | [Video Demo](#))

April - July 2024

A **React.js**, **Redux**, and **TypeScript** application using **Prisma ORM** for **MySQL** database management, built with **Next.js** and integrated with **Clerk** for authentication. Simplifies OBS stream setup with an in-app stream key.

- **End-to-End Streaming Setup:** Streamlined OBS setup with a simple in-app stream key generator.
- **Real-time Chat Integration:** Integrated WebSocket-powered real-time chat for viewer interaction.
- **High-performance Live Streaming:** Integrated LiveKit for low-latency, high-quality streaming.

Culina Group Projects ([Live Link - chat app](#))

October 2024

Next.js projects developed to showcase the impact of technology on warehouse communication and operations at Culina Group through two prototypes.

- **Real-time Chat App with Firebase:** Prototyped real-time chat for staff to improve warehouse communication.
- **Predictive Data Dashboard with TensorFlow:** Prototyped machine learning-driven dashboard for predictive conveyor belt health and task optimization.

Experience

Freelance Full Stack Developer

Jan 2023 - Present

- Developed **scalable, user-centric** web applications.
- Defined project goals and ensured **seamless delivery**.
- Delivered full-stack **React, Node.js**, and **PostgreSQL** solutions under tight deadlines.

Culina Group

March 2022 - Present

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

Various Teaching Roles

Dec 2018 - April 2022

- **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

Skills: **JavaScript, React, TypeScript, Docker, Jest, Git, GitHub**

BA Hons Philosophy & English Literature

Bangor University, UK | September 2014 - June 2018

AWS Cloud Certified Practitioner Certificate

Remote | July 2024