Aqib Shabir

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

Portfolio: _aqibshabir.com_ | **LinkedIn:** _linkedin.com/in/aqibshabir_ | **Github:** _github.com/aqibshabir_
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Full Stack Developer with expertise in **React**, **TypeScript**, **Node.js** and **SQL**, skilled at building scalable applications and optimizing workflows.

Projects

Shopping Comparison Project ([Code](#) | [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 the daily price extraction for thousands of products across multiple supermarkets.
- **Quagga.js Barcode Scanning:** Integrated instant price comparisons using barcode scanning.
- **Automated Cron Jobs**: Automated weekly updates to ensure accurate pricing.

Stream Zone ([Code](#) | [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 ([Demo](#))
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.
- **Technology Showcase to Leadership:** Presented prototypes that addressed communication and operational inefficiencies, with the potential for **20% time savings per department.**

Experience

Freelance Full Stack Developer
Jan 2023 - Present
- **Developed scalable, user-centric web applications.**
- **Defined project goals** and ensured **98% on-time delivery** across all projects.
- **Delivered full-stack solutions** for e-commerce clients using **React**, **Node.js**, and **PostgreSQL**.

Culina Group
March 2022 - Present

- **Developed prototype applications** to improve workplace efficiency, with the potential to **reduce operational bottlenecks by 30%**.
- **Improved inventory accuracy by 99.5%** through data-driven analysis and implementing quality control measures.
- **Collaborated with teams** to resolve discrepancies and improve inventory accuracy.

Various Teaching Roles
Dec 2018 - April 2022

- **Simplified complex topics** into lessons, **mentoring 6 colleagues** and enhancing documentation.
- **Adapted to diverse needs**, enhancing **problem-solving skills**.
- **Fostered strong communication** and collaboration across teams.

Education

AWS Cloud Certified Practitioner
Remote | May 2024

Full-Stack Software Engineering Bootcamp
Jump Digital School, Remote | September 2023 - January 2024
Technologies & Tools: JavaScript, **TypeScript**, **React**, **Node**, **SQL, MongoDB**, **Docker**, **Jest**, **Git**, **GitHub**

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