Shoaib Mohammed

Frontend Developer

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SUMMARY

High-impact **Frontend Developer** with **1.5** years of experience, proven ability to design and deploy fast, accessible, and scalable web applications using **React, Next.js, Node.js, and TypeScript.** Adept at driving **UI performance**, reducing load times, and enhancing user engagement across production-level environments. Skilled in **REST API** integration, cross functional collaboration, and **Agile workflows**. Committed to delivering measurable product outcomes, not just writing code.

WORK EXPERIENCE

Outlier   May '24 — Apr '25
AI Prompt Engineer   Newcastle upon Tyne, United Kingdom
- Engineered and optimized prompt logic for **NLP systems**, increasing model response accuracy to **95%+** across **1,000+** edge cases.
- **Automated test** pipelines using **JavaScript and Python**, improving release stability and regression tracking.
- **Collaborated** cross-functionally with devs and data scientists to **deploy scalable**, real-time response systems.

The Brandling Villa   Feb '24 — Mar '24
Frontend Developer – Volunteer   Newcastle upon Tyne, United Kingdom
- Delivered a **fully responsive**, mobile-first **web interface** using React and Tailwind CSS, meeting **WCAG 2.1** standards.
- Integrated dynamic **API-driven content**, cutting page load times by **30%** and increasing booking conversion by **25%.**
- Partnered with **stakeholders** to **redesign** user flow, improving site engagement through streamlined **UI interactions**.

RadicalX AI   Nov '23 — Jan '24
Software Engineer Intern - Frontend Focus   Newcastle upon Tyne, United Kingdom
- **Shipped** production-ready components in React and TypeScript for a **live AI chat** platform, boosting user retention by **20%**.
- Reduced app latency by **35%** through **optimized** rendering and **caching** strategies.
- Contributed to **Agile sprints**, **Git-based** workflows, and **code reviews** in a remote, distributed team.

EDUCATION

MSc in Computer Science, Newcastle University   Newcastle upon Tyne, United Kingdom
BTech in Electrical Engineering, CV Raman College of Engineering   India

PROJECT EXPERIENCE

RankForge, Newcastle, UK Link
- Led the development of **RankForge**, a full-stack SEO analysis platform, enabling users to **analyze website SEO** and track keyword rankings—resulting in a **40%** faster reporting workflow and improved user engagement.
- Implemented secure **JWT authentication**, strict **CORS** policies, and environment variable management, reducing **security vulnerabilities** by **100%** and ensuring compliance with modern **web standards**.
- Integrated **AI-powered** insights using **Google Gemini**, automating executive summaries and priority actions, which increased **actionable recommendations** delivered to users by **60%**.

SendStream, Newcastle, UK Link
- Built an **automated email** campaign system using **Node.js, Next.js, TypeScript, and MongoDB**, enabling users to schedule, track, and manage campaigns, resulting in a **40%** reduction in manual email effort.
- Integrated **JWT-based authentication**, **Stripe payments**, and **REST APIs**, improving platform security and generating **first paid user** conversions within 1 week of launch.
- Developed **real-time analytics dashboards** with **React state management** and **server-side queries**, allowing users to monitor performance and increasing feature engagement by **30%**.

Sort-Your-Life-With-Algo, Newcastle, UK Link
- Led the successful migration of a **legacy JavaScript** application to a modern **React and Tailwind CSS architecture**, increasing **code maintainability** and delivering a **100%** responsive, mobile-first user interface.
- Engineered a **dynamic visualization engine** to demonstrate **4+** sorting algorithms, boosting the application's educational value by integrating interactive controls, **time complexity analysis**, and **search functionality**.
- Designed a **scalable and forward-thinking architecture**, outlining a product roadmap that includes **advanced algorithms** and a planned **AI-powered feature** to intelligently recommend optimal **sorting methods**.

SKILLS

Programming: TypeScript, JavaScript (ES6+), Golang (basic)
Web Development: React.js, Next.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS
Database Technologies: MongoDB, PostgreSQL, SQL
Cloud Services: Google Cloud Platform (GCP – exposure)
Development Tools   Git, GitHub, CI/CD, Jest, Postman