Shoaib Mohammed

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PROFESSIONAL SUMMARY

Frontend engineer, with 2 years of experience developing creative, responsive and accessible web applications, that are optimised for performance. Highly proficient in modern full stack: React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS and Node.js. Core expertise encompasses: AI model training integration, UI component development, performance tuning, and ensuring WCAG 2.1 compliance, API integration (REST/JWT), testing (Jest / Testing Library) and CI/CD (GitHub Actions). Seeking a challenging Frontend engineer role in the UK.

WORK EXPERIENCE

AI prompt engineer – Outlier   *May 2024 – Apr 2025 | Remote*

- Developed and implemented robust data analysis scripts and prompt templates using JavaScript and Python to rigorously validate 100+ edge cases, enhancing AI model reliability and coverage.
- Engineered automated testing and monitoring pipelines, including unit testing, that increased model response stability by over 70% on the test suite and significantly reduced production regressions, improving overall system robustness and user experience.

Front-End Developer – The Brandling Villa   *Feb 2024 – Mar 2024 | Newcastle*

- Rebuilt website and booking UI with React, Next.js, Tailwind CSS, implementing responsive-design principles and ensuring cross-browser compatibility across Chrome, Firefox, Safari, and Edge, boosting bookings by 25%.
- Applied WCAG 2.1 accessibility standards and advanced performance techniques (code-splitting, lazy-loading, image optimization) through effective problem solving, cutting page load time by 30%.

Software Engineer Intern – RadicalX AI   *Nov 2023 – Jan 2024 | Remote*

- Delivered production-ready React + TypeScript components for high-traffic AI chat product, reducing latency by 35% through optimized rendering and caching.
- Engaged in Agile sprints, PR reviews, and iterative feature delivery, improving UI/UX retention metrics.

PORTFOLIO PROJECTS

SendStream

- Engineered a full-stack SaaS platform for automated campaign management with secure user management, data analytics, and performance-optimized dashboards.
- Integrated Stripe for subscription billing and implemented robust JWT authentication and role-based authorization.

RankForge

- Developed an SEO analysis tool tracking keyword performance using Google Gemini AI API for advanced reporting.
- Built a secure full-stack app with Next.js server-side API handling and JWT authentication.

Sort-Your-Life-With-Algo

- Created a responsive web app visualizing sorting algorithms with real-time complexity feedback.
- Utilized React state management and Tailwind CSS for a modern, fully responsive UI.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Node.js, Python, SQL, TypeScript
Frontend: CSS3, HTML5, Next.js, React, Tailwind CSS
Backend: Automated Testing, JWT Authentication, Node.js (Express), RESTful APIs
Databases: MongoDB, PostgreSQL
DevOps/Cloud: CI/CD (GitHub Actions), Docker, GCP (Google Cloud Platform), Git
Testing: Cypress, Jest, React Testing Library
Specialised Tools: Accessibility (WCAG 2.1), Agile Methodologies, Data Analytics, Figma, Performance Optimisation, Prompt Engineering, SEO, Stripe API

EDUCATION

Newcastle University – Newcastle, United Kingdom
MSc Computer Science

CV Raman College of Engineering – Odisha, India
BTech Electrical Engineering