

Abdul Zahoor

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Software Engineer

Aspiring Full Stack Engineer specialising in the full spectrum of web development, from UI design to full-stack solutions.

Proven leadership in transitioning applications to Next.js, enhancing responsiveness and SEO effectiveness, and managing comprehensive development of a MERN stack project at Khubaib. Excel in bridging frontend creativity with backend functionality, driving significant improvements in user engagement and system architecture comprehension. Committed to leveraging advanced analytical and project management abilities to lead development projects that meet precise business needs across fast-paced environments.

Technical Proficiencies

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|------------|---|
| Coding | JavaScript (ES6) Typescript MERN Nodejs Debugging Algorithms |
| Technology | HTML5 CSS3 SCSS JSON SVG Responsive Design Express.js MongoDB |
| Front-end | React Redux (+Toolkit) Tailwind CSS Material UI Storybook |
| Tools | Git GitHub VSCode Babel Webpack ViteJs Dev Tools ChatGPT GitHub Copilot |

Career Experience

Senior Frontend Engineer | Rafay Systems – Remote (California, USA)

2020 – Present

Deliver feature-rich applications by liaising with cross-functional teams, including designers, product managers, and backend developers, and offering constructive feedback during UI revamp discussions. Improve code quality and streamline collaboration by introducing tools like linter, prettier, and lint-stage pre-commit hooks, and drafting code collaboration guidelines for smoother PR reviews and merges.

- Drove significant enhancement in UI component development and documentation by integrating Storybook into development workflow, which later supported design system implementation for UI revamps.
- Optimised application performance by implementing code splitting in React, extracting duplicate code into a common package, and promoting memorisation techniques within React components.
- Secured a customer for sales team by fixing vulnerabilities and applying patches, and guaranteed ongoing compatibility by writing custom wrappers for migrating deprecated packages.
- Accomplished major improvement in user interface design by leading integration of Material-UI components and principles, ensuring a cohesive and visually appealing experience.
- Amplified developer productivity by migrating to Vitejs, cutting build times in half, and enabling instant dev server launches, while optimising Jenkins pipelines for faster builds.
- Boosted build efficiency by steering migration to Webpack v5, enabling features like code splitting, minification, tree-shaking, and optimised asset bundling.

Full-Stack Developer (Volunteer) | Khuabib CMS

2024 – 2025

Directed the development and design of Khuabib's main website, converting Figma designs into responsive web and mobile interfaces. Enhanced performance and SEO through SSR migration while leading a team in building a Next.js and MERN application.

- Developed full-stack features using Express.js and MongoDB, ensuring seamless functionality and scalability.
- Created a content management system (CMS) and admin portal for managing the public/end-user website.
- Demonstrated full-stack expertise by executing complex tasks related to front-end, back-end, and database integration.
- Leveraged excellent leadership skills to guide team through technical challenges and project milestones.

Freelance Frontend Developer | DCAO – Remote (Montreal, Canada)

2020

- Engineered and launched a React-based web client for entry booths (kiosks) with features such as audio/video calls using WebRTC and MediaSoup, real-time messaging queue with MQTT and Socket.io, and offline functionality.

Software Engineer | DevUP Technologies – Remote (London, UK)

2018 - 2020

- Applied a unique combination of technical and analytical capabilities to develop Web Applications and Windows Forms applications emphasising design of user-friendly interfaces. Collaborated with UI/UX team to execute design specifications effectively.

Education

Bachelor of Science, Computer Science | Air University – Islamabad, PAK (Jun 2018)

Majors: Artificial Intelligence, Data Science, and Cybersecurity

Others: Web Technologies & Databases, Data structures & Algorithm Design, Object Oriented Programming

Awards & Accolades

Runner Up, Rafay Hackathon at Rafay Systems (2023) | Gold Medallist, BS-CS at Air University (2019) | Merit Scholarships, BS-CS Semester 1 to 5 at Air University (2018)