UMAR FAYAZ

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Software Engineer | Full Stack Developer | React, NextJs Specialist

Professional Summary

Software Engineer with 4+ years of full-stack experience in React.js, Next.js, and backend technologies like Node.js, .NetCore, MongoDB, and PostgreSQL. Proficient in building scalable web applications with secure authentication (JWT), responsive designs, and state management using Redux. Skilled in optimizing performance with SSR, advanced hooks, and real-time data handling. Experienced in API integrations, multi-language systems, and ensuring quality with Jest, using tools like Git and Azure for seamless collaboration.

Skills

- Frontend Development: JavaScript, TypeScript, ReactJS, NextJS, Html, CSS, TailwindCSS, React Native
- Backend Development: Node.js, .NetCore, Express.js, Mongoose, NoSQL, PostgreSQL, Firebase, MySQL, RESTful APIs
- State Management: Redux, Zustand, React Query, Context API
- Testing & Quality Assurance: Jest, Unit Testing
- Version Control & Collaboration: Git, GitHub, GitLab, Jira, Slack
- Public Cloud & DevOps: AWS, Docker, Nginx, Jenkins, GitHub Actions, CI/CD, Server Management

Work Experience

Superwise Solutions - Remote   **Oct 2023 - Present**
Sr. Software Engineer (Durban, SA)

- Developed SaaS Platforms: Led development of BuildWare, a construction management SaaS application, using React, Redux, and React Native for seamless web and mobile experiences.
- Contributed to Retail System: Enhanced the OddyMan retail supply chain system by building secure, scalable front-end and back-end components with ASP.NET, optimizing operations and data flow.
- Real-Time Collaboration Tools: Integrated Apryse library for real-time PDF annotations and drawing, facilitating effective collaboration and document management.
- Optimized User Experience: Leveraged Redux for efficient state management and MongoDB/SQL for robust data handling, boosting load times and responsiveness.
- Cross-Functional Collaboration: Worked closely with design, product, and back-end teams, using Git, Jira, and Azure DevOps for streamlined project management.

Ewarenet - Hybrid   **Mar 2021 - 2022 May**
Full Stack Engineer (Islamabad, PK)

- Led the design and development of Owlsense Web application using JavaScript, TypeScript, ReactJS, NextJS, and Redux, ensuring scalability and high performance.
- Built and optimized APIs and backend services with MongoDB, NoSQL, Mongoose, and PostgreSQL, efficiently handling data processing and storage.
- Implemented frontend UIs with MUI, TailwindCSS, Styled Components, Bootstrap, and Shadcn UI, delivering responsive and intuitive user interfaces.
- Actively collaborated with cross-functional teams using tools like Bitbucket, GitHub, Azure, Jira, Slack, and Trello, ensuring smooth project coordination and delivery.
- Wrote comprehensive unit with Jest, ensuring code reliability and high-quality releases.

- Developed and maintained responsive and dynamic web applications using ReactJS, Typescript and ensuring seamless user experiences across various platforms.
- Worked closely with backend developers to integrate RESTful APIs into the front end, ensuring smooth data flow and efficient performance.
- Bootstrap, and Styled Components to design and implement modern, responsive UI components that enhanced the user interface and experience.
- Applied state management solutions using Redux, and Context API to manage complex frontend states across applications.

Professional Projects

BuildWare SaaS Application (Production Ready)

BuildWare is a feature-rich SaaS platform tailored for construction professionals, offering tools for efficient project management, collaboration, and task organization. It empowers users to manage blueprints, assign tasks, and streamline communication, ensuring seamless execution of construction projects.

Key Features and Responsibilities:

- Front-End Development: Led the development of responsive user interfaces using React.js and Material-UI for an intuitive and seamless experience.
- Project & Task Management: Implemented features for creating and managing projects, assigning tasks, and tracking user progress.
- Real-Time Collaboration: Developed live annotation tools for PDF drawings, enabling teams to collaborate on blueprints effectively.
- Document Handling: Enabled users to upload, download, and manage documents, including PDF drawings, with robust version control.
- Team & Notifications Management: Built functionalities for adding/removing team members, managing notifications, and ensuring effective team communication.
- Subscription Plans: Integrated subscription-based plans with varying feature sets to cater to different user needs.
- Production Readiness: Ensured the application met production standards through performance optimizations, rigorous testing, and security measures.

BuildWare Mobile App: Construction SaaS Solution (Production Ready)

BuildWare's mobile app, built with React Native, extends its SaaS platform to smartphones and tablets, empowering construction professionals with on-the-go project management tools.

Key Features and Responsibilities:

- Mobile Development: Led React Native development for a responsive and user-friendly interface.
- State Management: Implemented Redux for consistent data flow across screens.
- Offline Functionality: Enabled offline access using AsyncStorage and Redux Persist for seamless on-site usage.
- API Integration: Integrated backend services via RESTful APIs for real-time data synchronization.
- Production Readiness: Ensured high-quality delivery through testing, optimization, and security enhancements.

Little Health App

LittleHealth App is a production-ready React Ionic application designed to streamline doctor management, enhance clinic operations, and improve patient engagement. This robust platform empowers healthcare professionals with efficient tools for scheduling, patient records management, and real-time communication, ensuring a seamless experience for both providers and patients.

Key Responsibilities and Achievements:
- Front-End Development: Led front-end development efforts using React and Ionic frameworks to create intuitive and responsive user interfaces.
- User Experience Enhancement: Collaborated closely with designers to optimize user experience across devices, improving usability and accessibility for healthcare professionals and patients.
- Clinic Operations Optimization: Implemented features to streamline doctor management processes, including scheduling algorithms, patient data management, and communication tools.
- Patient Engagement Features: Developed functionalities such as appointment booking, medical record access, and secure messaging to enhance patient interaction and satisfaction.
- Production Readiness: Ensured the application met production standards through rigorous testing, performance optimization, and security enhancements.
- Cross-Functional Collaboration: Worked closely with backend developers to integrate server-side functionalities, ensuring smooth data flow and system reliability.

Task Master

Task Master is a production-ready web application built with React and Next.js for the front-end and ASP.NET Core for the backend API. Designed to simplify task management and enhance team productivity, TaskMaster offers comprehensive tools for task creation, assignment, tracking, and collaboration. This platform empowers teams to organize their workflows efficiently, monitor progress in real-time, and communicate effectively, ensuring streamlined project execution.

Key Responsibilities and Achievements:
- Front-End Development: Led front-end development using React and Next.js to create intuitive and responsive user interfaces that enhance user engagement and usability.
- User Experience Enhancement: Collaborated closely with UI/UX designers to optimize the user experience across various devices, improving accessibility and ease of use for team members.
- Feature Implementation: Developed key functionalities such as task creation, assignment modules, progress tracking dashboards, and real-time notifications to facilitate effective task management.
- Performance Optimization: Conducted performance tuning and implemented best practices to ensure fast load times and smooth interactions within the application.
- Production Readiness: Ensured the application met production standards through comprehensive testing, performance optimization, and implementation of robust security measures.

Education

Virtual University of Pakistan   Feb 2016 - 2020 Oct
Bachelor of Software Engineering.