Abdul Rafay

Full Stack Developer | Frontend | React | Node.js | Mern Stack
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PROFESSIONAL SUMMARY

Full Stack Developer with over 5 years of experience building high-performance, scalable web applications. Proficient in JavaScript, TypeScript, React.js, and Next.js, with a focus on creating responsive and maintainable user interfaces. Experienced in developing RESTful and GraphQL APIs using Node.js and Express.js, integrated with databases such as MongoDB and PostgreSQL. Enhanced API performance through Redis caching, WebSockets, and Kafka to support real-time functionality. Implemented secure authentication systems using OAuth2 and JWT. Skilled in integrating third-party services like Google Maps API and delivering comprehensive API documentation aligned with OpenAPI and Swagger standards. Recognized for writing clean, testable code, collaborating effectively in Agile teams, and delivering reliable, user-centered solutions.

TECHNICAL SKILLS

Front-End Development:

- Skilled in HTML5, CSS3, and modern JavaScript (ES6+) for creating interactive and accessible web interfaces.
- Proficient in React.js and Next.js for building responsive, high-performance single-page applications.
- Experienced with Tailwind CSS, Material UI, and Shadcn UI to design consistent, utility-first, component-based UIs.
- Strong understanding of UI/UX principles to ensure clean layouts, intuitive navigation, and user-centric design.
- Adept in responsive design techniques using media queries and mobile-first development approaches.
- Proficient in version control and team collaboration using Git, GitHub, and GitHub Actions.
- Familiar with deploying frontend applications via Netlify and Vercel for fast, global delivery.
- Proficient in creating dynamic, responsive interfaces with Vue.js, using the Composition API and TypeScript for clean and efficient frontend development.

Back-end Development:

- Proficient in Node.js and Express.js for building scalable, high-performance backend services and RESTful APIs
- Experienced with MongoDB and PostgreSQL for efficient data storage, querying, and optimization in production environments
- Skilled in TypeScript to ensure type safety, cleaner codebases, and fewer runtime errors in both server and client applications

- Knowledge of Redis for caching strategies to improve performance and reduce server load
- Hands-on with Kafka for building distributed systems and implementing message-driven microservices.
- Practical experience with AWS services including EC2, S3, and RDS for cloud hosting, storage and database management.
- Proficient in using Git, GitHub, and GitHub Actions for version control and CI/CD automation
- Familiar with deploying full-stack applications using Vercel, Netlify, and cloud-native tools for production-grade environments.
- Experienced in building APIs and real-time features using GraphQL to support flexible and efficient client-server communication
- Proficient in developing full-stack, SEO-optimized applications with Next.js, utilizing server-side rendering and dynamic routing.
- Skilled in designing scalable and maintainable backend architectures using NestJS and TypeScript, applying modular design patterns and clean code practices.

WORK HISTORY

CloudQuik   May 2023 - Present

Full Stack Developer

Responsibilities:

As a Full Stack Developer, your primary responsibility is to build full-stack web applications using MongoDB, Express.js, React.js, and Node.js. You will design efficient, scalable backends using Node.js and Express.js, create dynamic, responsive front end using React.js, and manage data storage and retrieval in MongoDB. Collaboration with designers and other developers is crucial to ensure seamless integration of frontend and backend functionalities. Additionally, you are expected to write clean, optimized code, adhere to best practices, and participate in debugging and code reviews to maintain high-quality standards. Staying updated with the latest advancements in MERN Stack technologies is essential to deliver robust and innovative solutions.

- Build dynamic web apps using MongoDB, Express.js, React.js, and Node.js.
- Design and implement REST APIs with Express.js and Node.js for front-end functionality.
- Use MongoDB for data storage and ensure efficient queries.
- Implement authentication with JWT or other methods.
- Manage app state with Redux or Context API in React.
- Write unit and integration tests for both front-end and back-end.
- Make apps responsive with React.js and CSS frameworks like Tailwind or Material-UI.
- Use Git and GitHub for version control and team collaboration.
- Participate in code reviews to ensure code quality and maintainability.

- Stay updated with the latest Full stack technologies and trends.

Ewarenet   June 2020 – Aug 2023

Junior Full Stack Developer

Responsibilities:

Junior MERN Stack Developer with hands-on experience in building dynamic full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Scalable RESTful and microservice-based APIs designed and integrated. Responsive user interfaces created using Tailwind CSS and ShadCN UI. Payment solutions implemented through Stripe integration. Real-time features developed using WebSocket for enhanced interactivity. Clean, maintainable code written following industry best practices. Proven ability to collaborate with cross-functional teams and stay updated with modern web technologies.

- Developed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), with scalable RESTful and microservice-based API architecture.
- Built responsive, accessible UIs using React.js, Next.js, Tailwind CSS, and Shadcn UI, following modern UI/UX principles.
- Integrated secure user authentication with JWT and OAuth, and implemented Stripe for payment processing.
- Enabled real-time features using WebSocket and handled state management through Redux and Context API.
- Collaborated via Git and GitHub, participated in code reviews, and continuously stayed updated with emerging MERN stack trends and tools.

PROJECTS

CloudBin – Cloud Storage Management System

- Developed a responsive full-stack cloud storage platform to upload, manage, and access user files securely.
- Built RESTful APIs in Express.js for storage operations like file upload/download, metadata management, and user access control.
- Integrated MongoDB to store user profiles, file metadata, and usage analytics with optimized query performance.
- Implemented secure authentication and role-based authorization using JWT and middleware for protected routes.
- Designed a modern, user-friendly interface using ShadCN UI, Tailwind CSS, and Material UI with mobile responsiveness

- Deployed the application on AWS EC2 (backend) and S3 (file storage) to ensure scalability and low-latency

performance.

- Participated in Agile ceremonies—daily stand-ups, sprint planning, retrospectives—and contributed to code reviews and architectural decisions.

Smart Client Management System

- Developed a client management system using the MERN stack (MongoDB, Express.js, React.js, Node.js) to efficiently manage and track client information, project status, and communication.
- Designed and implemented RESTful APIs using Express.js for handling client data (Create, Read, Update, Delete).
- Used MongoDB for the backend database to store client details, ensuring quick data retrieval and scalability.
- Developed the front-end using React.js, providing an intuitive and responsive UI for managing clients and projects.
- Managed authentication and authorization using JWT for secure user login and access.
- Implemented state management with Redux for consistent data flow across the application.

Vaccine Dose Management System

- Developed a web application to manage and display software company data using React.js, TypeScript, Node.js, Express.js, and MongoDB.
- Designed and implemented APIs with Express.js to enable seamless communication between front-end and back-end.
- Integrated MongoDB to store and retrieve company data efficiently.
- Implemented authentication and authorization using JWT to secure user data and ensure proper access control.
- Managed application state using Redux and Zu stand for seamless data flow across components.
- Utilized ShadCN UI, Material UI, and Tailwind CSS for responsive and user-friendly interface design.
- Provided guidance on best practices and code quality, fostering a collaborative learning environment.

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EDUCATION

Virtual University Of Pakistan

BS Software Engineering