Usama Azad

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

Full Stack MERN Developer with 4+ years of experience in building scalable, high-performance web applications from front to back. I specialize in JavaScript, React.js, Next.js, and Node.js, with a strong focus on crafting clean, responsive, and maintainable user interfaces. On the backend, I architect robust RESTful and GraphQL APIs using Express.js, integrated with MongoDB and PostgreSQL, and optimize performance through Redis caching, WebSocket, and Kafka for real-time data processing. I build secure, user-first applications with JWT and OAuth2 authentication, and have integrated external services like Google Maps API, Stripe, and Cloudinary. My development process includes writing clear, testable code, maintaining OpenAPI/Swagger documentation, and working seamlessly in Agile/Scrum teams. Known for being detail-oriented and dependable, I bring strong communication skills, a problem-solving mindset, and a passion for continuous learning—delivering solutions that are not only functional but also thoughtful and user-centered

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TECHNICAL SKILLS

Front-End Development:
- Well-versed in HTML5, CSS3, and modern JavaScript (ES6+) to build interactive and accessible user interfaces.
- Experienced with React.js and Next.js for creating responsive, fast-loading single-page and server-rendered applications.
- Comfortable working with Tailwind CSS, Material UI, and Shadcn UI to design clean, consistent, and scalable component-based UIs.
- Strong grasp of UI/UX principles to craft layouts that are user-friendly, visually balanced, and easy to navigate.
- Skilled in responsive design using mobile-first approaches and media queries to ensure seamless experiences across devices.
- Confident using Git, GitHub, and GitHub Actions for version control, code collaboration, and continuous integration.
- Hands-on experience deploying frontend projects via Netlify and Vercel for fast and reliable delivery.
- Also experienced in Vue.js, using the Composition API and TypeScript to build dynamic and maintainable interfaces.

Back-end Development:
- Experienced in building scalable APIs and backend services using Node.js and Express.js.
- Worked with MongoDB and PostgreSQL in production environments for efficient data management and performance tuning.
- Regularly use TypeScript across projects to keep codebases clean, organized, and type-safe.
- Familiar with using Redis for caching to speed up API responses and reduce server strain.
- Hands-on with Kafka for building distributed systems and integrating message-driven microservices.
- Comfortable working with AWS services like EC2, S3, and RDS for hosting, storage, and database solutions.
- Use Git, GitHub, and GitHub Actions to manage version control and automate testing/deployment workflows.
- Deploy full-stack applications using platforms like Vercel, Netlify, and cloud-native tools to deliver production-ready solutions.
- Built real-time and flexible APIs using GraphQL to streamline communication between frontend and backend.

- Proficient in building full-stack, SEO-friendly apps with Next.js using server-side rendering and dynamic routing.
- Experienced in designing clean, modular backend architectures using NestJS and TypeScript for maintainable and scalable solutions.

WORK HISTORY

CloudQuik   **March 2022 – Present**

Full Stack Developer
Responsibilities:

As a Full Stack Developer, I am responsible for designing and building full-stack web applications using the **MERN stack (MongoDB, Express.js, React.js, and Node.js)**. My role involves developing scalable back-end architectures with Node.js and Express.js, crafting dynamic and responsive front-end interfaces with React.js, and managing efficient data operations using MongoDB. I collaborate closely with cross-functional teams to ensure seamless integration of frontend and backend features. I maintain clean, maintainable codebases, follow best development practices, and actively participate in debugging, testing, and peer code reviews. Staying up to date with the latest industry trends and emerging technologies is essential to deliver high-performance, secure, and modern web applications.

- Developed and deployed full-stack web applications using MongoDB, Express.js, React.js, and Node.js.

- Designed and implemented RESTful APIs with Express.js and Node.js to connect front-end components with back-end services.

- Managed NoSQL data storage, queries, and schema design using MongoDB for optimal performance.

- Integrated secure authentication and authorization systems using JWT and other methods.

- Created responsive and accessible UI components with React.js, Tailwind CSS, and Material-UI.

- Handled state management using Redux and React Context API to ensure consistent user experiences.

- Wrote unit and integration tests using tools like Jest and React Testing Library for quality assurance.

- Utilized Git and GitHub for version control, collaboration, and CI/CD workflows.

- Participated in daily standups, sprint planning, and code reviews to ensure clean and maintainable code.

- Continuously explored new tools and trends in full-stack development to improve application performance and scalability.

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Frontend Developer

Responsibilities:

As a Frontend Developer, I gained hands-on experience in building dynamic, responsive, and accessible web interfaces using React.js, Next.js, Tailwind CSS, and ShadCN UI. I focused on creating clean and modular UI components following modern UI/UX principles and performance optimization techniques. I also contributed to hybrid mobile and web applications using Angular and Ionic, ensuring seamless cross-platform performance.

My responsibilities included managing Git-based workflows, writing maintainable code using TypeScript, and delivering consistent design systems across diverse projects

- Developed responsive and scalable user interfaces using React.js, Next.js, and modern CSS frameworks like Tailwind CSS and ShadCN UI.
- Built hybrid web and mobile applications using Angular and Ionic, ensuring cross-platform compatibility and smooth performance.
- Wrote modular, reusable components in TypeScript and Angular, maintaining clean and efficient codebases.
- Utilized Bootstrap for rapid prototyping and maintained UI consistency across various projects.
- Collaborated on version control and code reviews via GitHub, ensuring team alignment and clean development pipelines.
- Built dynamic and interactive features to enhance user experience and engagement in web applications.
- Applied responsive design principles using HTML5, CSS3, and JavaScript, optimizing layouts for various devices.
- Ensured best practices in UI/UX design, accessibility, and performance tuning throughout the development lifecycle

PROURCES

CloudBin – Cloud Storage Management System

- Developed a responsive full-stack cloud storage platform that enables users to upload, manage, and securely access files.
- Built RESTful APIs using Express.js to handle storage operations such as file upload/download, metadata handling, and access control.
- Integrated MongoDB to manage user profiles, file metadata, and usage analytics with performance-optimized queries.
- Implemented JWT-based authentication and role-based authorization with middleware to protect secure routes.
- Designed an intuitive, mobile-responsive interface using ShadCN UI, Tailwind CSS, and Material UI.
- Deployed the backend on AWS EC2 and file storage on AWS S3, ensuring scalability, availability, and low-latency access.
- Worked in an Agile environment, participating in daily stand-ups, sprint planning, retrospectives, and contributing to code reviews and system architecture.

Smart Client Management System

- Built a client management system using the MERN stack (MongoDB, Express.js, React.js, Node.js) to manage client records, project tracking, and communications.

- Designed and implemented RESTful APIs using Express.js for CRUD operations on client data.

- Utilized MongoDB to store client details, ensuring efficient data retrieval and application scalability.

- Developed a responsive front-end using React.js with a focus on intuitive UI/UX for project and client workflows.

- Secured the system with JWT-based authentication and authorization for protected user access.

- Implemented Redux for global state management to maintain consistent data across the application.

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Vaccine Dose Management System

- Developed a full-stack web application for vaccine dose tracking and display using React.js, TypeScript, Node.js, Express.js, and MongoDB.

- Built and consumed REST APIs in Express.js to handle front-end/back-end communication.

- Managed structured data using MongoDB for quick access and scalability.

- Integrated JWT authentication and authorization to ensure secure login and role-based access.

- Utilized Redux and Zustand for efficient application state management across components.

- Designed responsive, accessible UIs using ShadCN UI, Material UI, and Tailwind CSS.

- Promoted clean code practices and contributed to peer learning through code reviews and team mentorship.

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EDUCATION

Federal Urdu University Of Arts Science and Technology Islamabad
BS Computer Science