Shubham Kumar Maddheshiya

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Summary

Full-stack software engineer with MERN expertise, skilled in front-end and back-end development. Experienced in Product Design and DevOps, with a proven record of delivering end-to-end product solutions that enhance user experience.

Skills

- **Programming languages:** Java Script, Java
- **Database:** MongoDB
- **Web Technologies:** Next.Js, React.Js, ExpressJS, Nodejs, Redux Toolkit, RTK Query.
- **DevOps:** Docker, Kubernetes, CI/CD pipelines, Vagrant and Linux Server, AWS, Ansible, Terraform.

Work Experience

Backend Developer at AnyTru (Freelance) — May 2024 - Present

– Created 110+ REST APIs using Node.js, Express.js, MongoDB, and Mongoose.
– Google Facebook authentication using Passport.js, automated credential export to Mailchimp, S3 for scalable storage.
– Integrated Razorpay for transactions, configured Mailgun for email services, added chat features for real-time interaction.
– Optimized code for performance and improved API security to ensure secure and efficient operations.

FullStack Developer and Product Design ViableTrips (Freelance) — Jan 2024 - May 2024

– Designed wireframes and strategic plans, crafted visually appealing UIs using Figma, and iterated prototypes based on user feedback and usability testing.
– Implemented an AI chatbot for enhanced customer interaction and support, and developed an AI trip itinerary planner to automate travel planning and improve user experience.
– Frontend development using React.js, MUI; Redux Toolkit for state management and RTK Query for API interactions.
– Developed 98+ REST APIs with Node.js, Express.js, MongoDB, and Mongoose; integrated Stripe for payments and Twilio for OTP authentication, while optimizing performance and ensuring API security.

FullStack Developer Shashank Sajwan (Freelance) — Oct 2023 - Mar 2024

– Developed frontend using React, MUI, engineered backend with Node.js, Express for server-side logic and APIs.
– Managed databases with MongoDB and Mongoose, implemented AES 256-bit encryption for data at rest, utilized SSL with TLS for secure video streaming, and deployed applications using Firebase and AWS.

Projects

Tomato - Food Delivery — May 2022 - Jun 2022

Link to Demo · Code Link

– Built with React and MUI, Redux Toolkit, RTK Query for API calls. JWT and refresh tokens for authentication.
– Developed backend with Node.js, Express.js, MongoDB, and Mongoose. Integrated WebSocket for real-time updates, Stripe for payments, and used Mailchimp and Mailgun for email marketing and notifications.

Join - Realtime Chat — Dec 2021 - Jan 2022

Link to Demo · Code Link

– Built with React and Chakra UI, featuring one-on-one/group chat, typing indicators, media sharing, Redux for state management, and real-time updates using Socket.io and WebSocket. Secured with end-to-end encryption and JWT.
– Developed with Node.js, Express.js, MongoDB, and Mongoose. Used Axios for API requests and deployed on Render.

Education

2019 - 2023   Bachelor of Technology at **Madan Mohan Malaviya University Of Technology**   (CGPA: 7.41/10.0)