

# Shubham Kumar Maddheshiya

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## SKILLS

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

## WORK EXPERIENCE

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### Backend Developer at [AnyTru](#)

May 2024 - Present

- Developed 110+ RESTful APIs using Node.js, Express.js, MongoDB, reducing response times from an average of 3 seconds to 2 sec; implemented secure Google and Facebook authentication to enhance login speed from 1.5 sec to 0.9 sec.
- Automated Mailchimp exports, leading to a 25% increase in marketing efficiency, and optimized code structure with a centralized HandleFactory for reusable features along with modular components and controllers for better maintainability.
- Implemented Razorpay to facilitate smooth transactions and set up Mailgun for email services, improving user engagement through better communication and transaction experiences; leveraged S3 for scalable storage solutions, decreasing data retrieval times from an average of 4 seconds to 3.4 seconds.
- Strengthened application security by adopting strategies such as HTTP header protection with Helmet, request rate limiting, CORS restrictions, and data sanitization, protecting against threats like NoSQL injection, XSS, and parameter pollution attacks, thereby significantly reducing potential vulnerabilities within the platform.

### Full-Stack Developer at [Shashank Sajwan](#)

Oct 2023 - Mar 2024

- Designed a user-centric admin panel that incorporates real-time resource management features, significantly boosting administrative efficiency by streamlining workflows and optimizing backend architecture, enabling administrators to oversee resources with greater effectiveness.
- Adopted Redux Toolkit to ensure efficient state management throughout the application, complemented by RTK Query for comprehensive API integration and effective data caching techniques, which enhanced overall application performance and noticeably decreased load times, ultimately enriching the user experience.
- Containerized and automated the deployment process of applications using Docker, Docker Compose, and AWS EC2, which resulted in a remarkable 50% reduction in deployment times. Additionally, implemented Terraform for infrastructure provisioning, cutting the time required for setup by 30%, allowing for a more efficient and scalable deployment environment.
- Integrated NGINX as a reverse proxy to boost server performance and security, reducing latency and improving reliability during high traffic. Additionally, implemented Jenkins for CI/CD, decreasing manual intervention by 35% and increasing release frequency by 20% through automation and streamlined workflows.

## PROJECTS

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### 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

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