

Romit Jajal

Full Stack Web Developer | MERN | Node.js | React | MongoDB | REST API | JavaScript

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Professional Summary

Full Stack Developer with hands-on experience building scalable web applications using the MERN stack. Proven ability to create RESTful APIs, manage front-end to back-end integration, and deploy full-stack platforms. Currently pursuing a Master's in Information Technology with a focus on Networking and Cybersecurity. Strong problem-solving skills with a passion for clean code and real-world application development.

Technical Skills

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Redux

Backend: Node.js, Express.js, MongoDB, SQL, REST API

DevOps/Tools: Git, GitHub, Postman, Heroku, Docker (basic), CI/CD (exposure)

Testing: Jest, Mocha (learning)

Methodologies: Agile, Scrum

Professional Experience

Web Developer Intern

Zcientia, Remote

March 2023 – May 2023

- Spearheaded the development of a Resume Builder app using the MERN stack with role-based access.
- Implemented reusable UI components with React, and REST APIs with Express and MongoDB.
- Collaborated with UI/UX designers and product leads in an Agile environment.
- Streamlined API performance, reducing load time by 20% with optimised database queries.
- Rated "Good" for technical competence and "Outstanding" for professional contribution.

MERN Stack Developer Intern

Be Practical Tech Solutions

2022 – 2023

- Built and deployed a feature-rich e-commerce site from scratch using MongoDB, Express.js, React.js, and Node.js.
 - Developed scalable server-side APIs and integrated front-end with seamless data binding.
 - Participated in code reviews and agile sprints to enhance team productivity.
 - Awarded 'Efficient Programmer' for delivering ahead of deadlines and producing clean, optimised code.
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Projects

Fixrr – Local Trade Services Platform

- Developed a full-stack web platform connecting customers with local tradies (e.g. plumbers, electricians, carpenters) using the MERN stack.
- Built secure, role-based authentication with JWT, bcrypt, and MongoDB, enabling distinct flows for customers and service providers.
- Engineered a custom email verification flow with Nodemailer and token-based password setup, enhancing user onboarding and security.
- Designed dynamic dashboards: customers can search/filter by service and location; tradies manage profiles, services, and bookings.
- Implemented responsive UI with React, real-time service filtering, and form validation for seamless user experience.
- Led end-to-end deployment and architecture planning, ensuring scalability, performance, and mobile-first responsiveness.

Movie Recommendation System

- Built using Python, Flask, and machine learning algorithms in Jupyter Notebook.
- Implemented content-based filtering and integrated with a front-end interface for real-time recommendations.
- Visualised model outputs and user interaction results within Jupyter for iterative testing and refinement.
- Technologies: Python, Flask, Pandas, Scikit-learn, HTML/CSS, Jupyter Notebook.

House Price Prediction Tool

- Created an end-to-end web tool using Flask and React to predict real estate prices based on multiple variables.

- Trained regression models in Jupyter Notebook using Python libraries such as Pandas and Scikit-learn.
 - Integrated machine learning backend with an interactive front-end UI for user inputs and live predictions.
 - Technologies: Python, Flask, React, Pandas, Scikit-learn, Jupyter Notebook.
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Education

Master of Information Technology (Networking & Cybersecurity) Queensland University of Technology | 2024 (Expected)

- Specialised in securing digital infrastructures and designing network architecture.
- Completed an industry project with Qual T Solutions, applying full-stack development and cloud technologies to solve real-world problems.
- Developed advanced coursework in cybersecurity protocols and network architecture.

B.Tech in Computer Science Engineering M.S. Ramaiah Institute of Applied Sciences | 2018 – 2022

- Built a strong foundation in software engineering, algorithms, and system design.
 - Developed machine learning and full-stack projects including a movie recommendation engine and house price prediction tool using Jupyter Notebook.
 - Delivered academic solutions that met industry standards and demonstrated production-grade implementation skills.
 - Participated in coding challenges, technical events, and team-based development activities to enhance problem-solving capabilities.
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Certifications

Python Pro Bootcamp – Udemy (In Progress)

- Studying core Python concepts including web development, automation, and data analysis.
- Built foundational understanding through mini-projects and daily challenges.
- Gaining skills required for solving real-world business problems with practical applications.

MERN Developer Internship – Zcientia Labs (March 2023 – May 2023)

- Completed a hands-on internship building MERN stack projects with REST API integrations.
 - Received “Good” rating for technical performance and “Excellent” feedback for project planning, time management, and team collaboration.
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Language Proficiency

English (Fluent), Hindi (Fluent), Gujarati (Fluent)

References

Kalpana Jaganath

Assistant Vice President, JP Morgan Chase

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