

# VISHAL CHAUDHARY

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## PROFESSIONAL SUMMARY

I'm a 2025 Computer Science graduate with hands-on experience building scalable backend systems and full-stack web applications using Node.js, React, JavaScript, TypeScript, and SQL/NoSQL databases. Strong foundation in REST APIs, authentication, and system design. Passionate about solving real-world problems through clean, maintainable, and efficient code.

## EXPERIENCE

### MERN Stack Intern

Sep 2025 – Jan 2026

Credmarg Technologies Pvt. Ltd. | Remote

- Worked on an AI-driven agentic platform that enables businesses to use pre-built agents (Voice, WhatsApp, Customer Support) and create custom workflow-based agents via an intuitive UI.
- Developed and maintained RESTful APIs using MERN stack to handle agent configuration, workflows, and user interactions.
- Built responsive frontend components using React.js and TypeScript, improving usability for configuring and managing AI agents.
- Integrated third-party services and AI tools for automation, messaging, and customer support workflows.
- Collaborated with cross-functional teams to debug, optimize performance, and ensure scalable backend architecture.

### Full Stack Intern

Jun 2024 – Jul 2024

Codtech IT Solutions | Remote

- Implemented RESTful APIs using Node.js and Express.js to support CRUD operations and business logic.
- Developed React.js frontend components and integrated them with backend APIs using Axios.
- Implemented authentication, request validation, and secure API integration.
- Debugged and optimized code to improve application performance and stability.

## PROJECTS.

### AI Agent Workflow Builder

March 2026

[github-repository](#)

- Built a visual node-based AI workflow engine with a custom graph traversal execution engine supporting conditional branching, loops, external api, and human approval nodes.
- Integrated multi-LLM routing (Gemini, GPT-4o, Claude) with dynamic `{{template}}` interpolation, structured JSON output parsing, and live chat preview.

**Tech Stack:** MERN, TypeScript, Tailwind CSS, ReactFlow, TanStack Query, Gemini API, Open AI

### Crew Space | Team Collaboration and Project Management Platform

Apr 2025

[github-repository](#) | [live-demo](#) | [demo-video](#)

- Built a scalable collaboration platform supporting workspace-level access control and task management.
- Designed REST APIs for authentication, workspace, task workflows, and project management.
- Implemented testing using Jest and Supertest, ensuring API reliability and correctness.
- Dockerized services and configured CI/CD pipelines for automated testing and deployment.

**Tech Stack:** MERN, TypeScript, Tailwind CSS, Docker, Jest, Supertest, CI/CD (GitHub Actions)

## EDUCATION

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**B.Tech (Computer Science & Engineering) | University of Lucknow**

2021 – 2025

CGPA: 7.15 | Lucknow, Uttar Pradesh, India

**12<sup>th</sup> (UP Board) | RPJSVM Inter College**

2020

Marks: 76% | Siddharth Nagar, Uttar Pradesh, India

## SKILLS

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<b>Languages</b>	JavaScript, TypeScript, Python
<b>Backend</b>	Node.js, Express.js, WebSocket, Testing
<b>Frontend</b>	React.js, Next.js, HTML, CSS, Tailwind CSS
<b>Data Systems</b>	MongoDB, PostgreSQL, MySQL, Redis, Apache Kafka
<b>DevOps &amp; Cloud</b>	Docker, AWS, CI/CD pipelines, Git & GitHub
<b>Architecture</b>	Monolithic, Microservice, Event-Driven Architecture
<b>Tools and Workflow</b>	Postman, Agile/Scrum, Monorepo, Debugging, GitHub Actions, Version Control