Rohit Dwivedi

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GitHub
LinkedIn
Portfolio

Internship Experience

MERN Stack Developer Intern

Unified Mentor Pvt. Ltd — Remote   *Nov 2025 – Feb 2026*

- Developed full-stack web applications using React.js, Node.js, Express.js, and MongoDB.
- Designed and implemented RESTful APIs with secure authentication and optimized performance.
- Integrated AI-based voice command functionality to enhance e-commerce user interaction.
- Collaborated in Agile environment using Git and Jira for version control and task management.

Projects

OneCart — E-Commerce Website (MERN)

- Built a full-stack e-commerce platform with user authentication, product listing, cart, and order flow.
- Implemented REST APIs and MongoDB schema for scalable data management.
- Designed responsive UI using React and Tailwind CSS.

Traffic Management System (MERN + AI)

- Developed an AI-powered traffic management system using computer vision for vehicle detection.
- Analyzed traffic density and optimized signal timing using ML models.
- Built a real-time dashboard using MERN stack for monitoring and analytics.

AI Image Classification System

- Trained and evaluated deep learning models for image classification tasks.
- Used Python, TensorFlow, and OpenCV for preprocessing and model training.
- Achieved high classification accuracy through data augmentation and model tuning.

Education

Qualification	Institute	Year
10th (Science)	Govt. Inter College, Prayagraj (UP Board)	2020
12th (PCM)	Govt. Inter College, Prayagraj (UP Board)	2022
B.Tech (CS/AIML)	Allenhouse Institute of Technology, Kanpur	2022–2027

Technical Skills

Frontend: React.js, HTML, CSS, Tailwind, JavaScript
Backend: Node.js, Express.js, REST APIs
Database: MongoDB, Firebase
AI / ML: Python, Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV
Tools: Git, GitHub, VS Code, Postman, Jira

Certifications

- Artificial Intelligence — Coursera
- Advanced AI & Machine Learning — Google
- Full Stack Web Development — Udemy

Achievements

- Solved 200+ DSA problems on LeetCode.
- Built and deployed AI-integrated MERN applications.
- Winner — College Badminton Championship.

Interests

- MERN Stack Development
- Artificial Intelligence & Machine Learning
- Competitive Programming
- Open Source Contribution