

Kritika Mandale

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Summary

Full Stack Developer and Computer Science undergraduate skilled in MERN Stack (MongoDB, Express.js, React.js, Node.js), Python, SQL, FastAPI, and AI/ML integration. Experienced in building scalable, production-ready systems with NLP, deep learning, and RESTful APIs. Proven impact through fintech internships and national-level hackathon recognition. Seeking a Full Stack Developer role to engineer intelligent, high-impact web solutions.

Education

B.Tech in Computer Science and Business Systems

St. Vincent Pallotti College of Engineering and Technology, Nagpur

Aug 2023 — Present (3+ years)

CGPA: 9.41 (Current)

Experience

AI/ML Intern | Trust Fintech, Nagpur

Aug 2025 — Jan 2026 , 6 mos

- Engineered a face authentication module using Python, automating identity verification and cutting review time by 40%.
- Architected and deployed an end-to-end KYC verification pipeline using SQL for secure data storage, retrieval, and compliance management, reducing manual processing effort by 35%.

AI/ML Intern | Matverse Vision Pvt.ltd

March 2026 — current

- Built ML models using 1000+ agricultural data points for soil and environmental analysis, improving prediction accuracy.
- Performed feature engineering on real-world data to enable crop optimization and data-driven decision support.

Projects

SecureID – AI-Powered Student Verification Platform (2026)

[GitHub](#)

- Built a full-stack KYC and biometric facial authentication system using FastAPI, React.js, and DeepFace; integrated JWT-based authentication for secure, role-based access control across 3 user roles, cutting verification time by 60%.

AI-Powered Grievance Redressal System (2025)

[GitHub](#)

- Developed an NLP pipeline for automated complaint classification using a fine-tuned BERT model achieving 89% classification accuracy and reducing complaint resolution time by 30%; implemented JWT authentication, complaint routing, and SLA escalation across decoupled frontend, backend, and ML microservices.

Skills

Languages: C, C++, JavaScript (ES6+), Python, SQL

Full Stack: React.js, Node.js, Express.js, MongoDB, REST APIs, FastAPI, JWT Authentication

AI/ML: Machine Learning, NLP, BERT, Deep Learning, Scikit-learn, Pandas, NumPy, SHAP, Optuna

Tools & Platforms: Git, GitHub, Docker, Postman, Streamlit, Jupyter Notebook, VS Code, Linux CLI

Achievements

National Finalist – Hackwise 2026, IIM Indore (National Level Hackathon)

Jan 2026

First Runner-Up – Openpools (Doppelganger 30-Hour Hackathon)

Aug 2025

Second Runner-Up – OpVasion'26, IIT Delhi (Case Competition)

March 2026

First Runner-Up – NASA Space Apps Challenge, Nagpur Chapter

Oct 2024

Positions of Responsibility

Career Development Coordinator (CDC) | CSBS Department Club, SVP CET

Jan 2025 – Present

Facilitated career guidance, placement preparation, and student representation for the CDC cell.

Co-Coordinator | Hackronyx – National Level Hackathon

Apr – Jun 2025

Managed end-to-end event planning, team coordination, and logistics for a 200+ participant national hackathon.

Certifications

Data Analysis with Python – freeCodeCamp

Jul 2025

Postman API Fundamentals Student Expert – Postman

Mar 2025

Joy of Computing using Python – NPTEL (IIT Madras)

Oct 2024