

Ekta Verma

Jabalpur, Madhya Pradesh

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PROFESSIONAL SUMMARY

Results-oriented B.Tech Computer Science graduate with expertise in MERN stack development and machine learning, experienced in designing scalable full-stack applications and delivering data-driven solutions with hands-on experience in building secure RESTful APIs using JWT authentication.

SKILLS

Programming Languages:	Core Java, Python, JavaScript
Frontend:	React.js, HTML5, CSS3
Backend:	Node.js, Express.js, REST APIs, JWT
Database:	MongoDB, MySQL
Tools & Technologies:	Git, GitHub, Postman, VS Code
AI Tools:	Antigravity, Claude AI, OpenAI Codex
Core Concepts:	Data Structures, OOPs, DBMS
Soft Skills:	Adaptability, Time Management, Collaboration

EDUCATION

Shri Ram Institute of Technology, Jabalpur (M.P)

Bachelor of Technology (B.Tech) in Computer Science | CGPA – 8.10 2022-26

Kendriya Vidyalaya V.F.J

XII Standard | Percentage – 82.8% 2020-21

X Standard | Percentage – 80.8% 2019-20

INTERNSHIP

Infosys Springboard – AI Virtual Internship

Dec 2025 – Feb 2026

- Completed an 8-week Artificial Intelligence Internship covering **Machine Learning Algorithms, Data Preprocessing, Model Training, and Performance Analysis.**
- Successfully developed a Capstone Project applying **Supervised Learning Models** to solve a real-world problem, demonstrating **practical implementation of AI concepts.**

PROJECTS

Professional Networking & Career Growth Platform

- Engineered a scalable networking platform enabling users to create profiles, share achievements, interact, and explore career opportunities in a secure environment.
- Implemented a full-stack application using **React, Node.js, Express, and MongoDB**, building **RESTful APIs** and implementing **JWT-based authentication** to enhance security and performance.

Agri Connect – Farmer to Customer Organic & Dairy Marketplace

- Developed a role-based web platform using **Node.js, Express.js, SQLite, and JWT Authentication**, enabling direct farmer-to-customer interaction, reducing intermediaries, and improving transparency.
- Built multi-user dashboards with product management & order tracking and integrated a **Flask-based ML model (Logistic Regression)** to predict sales and profit for data-driven insights.

Drive Secure – Smart Accident Prediction Using AI

- Created a web-based safety application to evaluate accident patterns and detect key risk factors, supporting data-driven accident prevention using **React, Node.js, and REST APIs.**
- Applied a machine learning model using **Random Forest Classifier** to predict accidents and identify key risk factors, improving prediction accuracy and supporting effective risk analysis.

CERTIFICATIONS

- Programming in Java – NPTEL
- CCNAv7: Introduction to Networks – Cisco NetAcad

EXTRACURRICULAR

- Participated in Hack SRIT (36-hour hackathon) May 2025