Ekta Verma

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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
Core Concepts:	Data Structures, OOPs, DBMS
AI Tools:	Antigravity, Claude AI, OpenAI Codex
Soft Skills:	Adaptability, Time Management, Collaboration

EDUCATION

Shri Ram Institute of Technology, Jabalpur (M.P) Year: 2022-26
Bachelor of Technology (B.Tech) in Computer Science | **CGPA – 8.10**

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

- Built a networking platform enabling users to create profiles, share achievements, interact via posts, and explore career opportunities in a secure environment.
- Implemented a modern full-stack architecture using Next.js for an interactive user interface, **Node.js** and **Express** for **RESTful APIs**, **MongoDB** for data management, and **JWT-based authentication** to ensure secure and scalable user interactions.

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

• Certification in Programming in Java – **NPTEL**
• Certification in CCNA: Introduction to Networks – **Cisco**

EXTRACURRICULAR

• Participated in Hack SRIT (36-hour hackathon)