

Nandini Modi

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EDUCATION

Vellore Institute of Technology	2026
<i>Bachelor of Technology in Computer Science and Engineering — CGPA: 8.31</i>	
Jai Academy, Jhansi	2022
<i>CBSE Class XII — 82%</i>	
St. Francis' Convent Inter College, Jhansi	2020
<i>ICSE Class X — 90%</i>	

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript, HTML, CSS
Libraries & Frameworks: React, Node.js, Express.js, MongoDB, AWS (IAM, EC2, S3)
Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse

PROJECTS

GoPrep	github
<i>AI for mock-interviews and feedback automation</i>	
<ul style="list-style-type: none">Created an AI-powered mock interview platform using React, TypeScript, and Vapi SDK for real-time voice interaction.Integrated Firebase Authentication and Firestore for secure user management and data handling.Designed intelligent workflows to generate personalized AI-driven feedback on interview performance.Applied modular TypeScript architecture for maintainable, scalable, and reusable components.Maintained clean development practices with structured workflows and efficient collaboration.	
KarZone	github
<i>E-commerce platform for renting cars and bikes</i>	
<ul style="list-style-type: none">Developed an e-commerce platform allowing users to list and rent cars and bikes securely.Implemented authentication, role-based access control, and vehicle listing management.Built responsive UI with React featuring search, filters, and availability tracking.Integrated backend services using Node.js, Express.js, and MongoDB for booking and pricing workflows.Ensured scalability, data validation, and secure handling of user and vehicle data.	
Fashion Recommender System	github
<i>Generates fashion outfit recommendations</i>	
<ul style="list-style-type: none">Developed an AI-driven recommender system that suggests visually similar outfits based on user-uploaded images.Implemented Convolutional Neural Networks (CNN) with ResNet50 transfer learning for feature extraction.Utilized Cosine Similarity and Nearest Neighbour algorithms to produce personalized outfit recommendations.Integrated a Streamlit-based user interface for intuitive interaction and real-time visualization.	

CERTIFICATES

Certified in HTML, CSS, and JavaScript for Web Developers: Johns Hopkins University, Coursera (Dec 2023).
IBM DevOps Fundamentals Certificate: IBM Career Education Program (Apr 2025).
AWS Cloud Practitioner Essentials: Amazon Web Services, Coursera (Apr 2025).
AWS Solutions Architect – Associate Certification Program: ETHNUS & AWS (Jan–Apr 2025).

POSITIONS OF RESPONSIBILITY

Core Member, AI Club – VIT Bhopal: Executed social media campaigns, curated AI content, and strengthened club branding.
Core Member, UX Club – VIT Bhopal: Led UX workshops and coordinated peer-learning sessions promoting design thinking.
Extra-Curricular: Cleared all university rounds in Smart India Hackathon 2024 (SIH-2024), demonstrating teamwork and innovation.