

# Nandini Modi

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## EDUCATION

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

## 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

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

## 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.