

Nandini Modi

+91 8738925708 | nandinimodi1177@gmail.com | linkedin.com/in/nandinimodi | github.com/Nandinimodii

EDUCATION

Vellore Institute of Technology	Bhopal
<i>Bachelor of Technology in Computer Science and Engineering — CGPA: 8.28</i>	2026
Jai Academy	Jhansi
<i>CBSE (Class XII) — Percentage: 82%</i>	2022
St. Francis' Convent Inter College	Jhansi
<i>ICSE (Class X) — Percentage: 90%</i>	2020

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript, HTML, CSS

Frameworks: React, Node.js, Flask, Django, Spring Boot

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.	
Ransomware Protection	github
<i>Machine Learning for ransomware detection</i>	
<ul style="list-style-type: none">Built a machine learning-based ransomware detection system capable of identifying and blocking real-time threats.Automated backups with immutable storage for secure and rapid data recovery.Segmented networks using least-privilege principles to contain and mitigate attacks.Configured SIEM for real-time monitoring, alerting, and incident response.Developed Python scripts to detect suspicious file activity and automate security response.	
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).
- Awarded IBM DevOps Fundamentals Certificate – IBM Career Education Program (Apr 2025).
- Completed AWS Cloud Practitioner Essentials – Amazon Web Services (Coursera, Apr 2025).
- Achieved 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.