

Jay Thesiya

Bachelor of Technology
Information Technology
A D Patel Institute Of Technology, Anand

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LinkedIn | GitHub | LeetCode | Portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentile	Year
B.Tech. - IT	ADIT, Anand	8.54(Current)	2023-Present
Higher Secondary	GSEB Board	64.00%	2023
Secondary	GSEB Board	73.33%	2021

PROJECTS

- SMART CLASSROOM MONITORING & ATTENDANCE SYSTEM** *Feb. 2025 - Feb. 2025*
CVMU Hackathon
 - Tech Stack Used: Arduino, DHT11, PIR, Sound Sensor, L298N, Python, OpenCV, MediaPipe, FaceNet, MySQL, Web Dashboard
 - Intelligent Classroom Automation: Built an integrated IoT and computer vision system for real-time monitoring, automated fan and light control with manual override, and attendance tracking.
 - Secure & Scalable System Design: Implemented 128D face embeddings with blink-based anti-spoofing and a web dashboard to improve system security and classroom efficiency.
- QUIZ APP - Interactive Web-Based Quiz Platform** *Jul. 2025 - Sept. 2025*
Girl Script Summer of Code 2025 (Open Source Contribution)
[GitHub](#)
 - Tech Stack Used: HTML5, CSS3, JavaScript, JSON, Git, GitHub, Responsive UI
 - Feature Enhancement & UI/UX Improvements: Added dark/light mode, responsive design, JSON-based question loading, and improved quiz navigation with result review support.
 - Scalable Frontend Architecture: Modularized frontend structure with feature-based separation and centralized theming to improve maintainability and scalability.
- DOCTOR-PATIENT PORTAL - Hospital Management System** *Oct. 2025 - Oct. 2025*
Self-Initiated Project
[GitHub](#)
 - Tech Stack Used: Java, JSP, Servlets, JDBC, MySQL, Apache Tomcat, HTML, CSS
 - Role-Based Management System: Developed separate Admin, Doctor, and User modules enabling secure login, profile management, appointment booking, and real-time status updates.
 - Scalable MVC Architecture: Implemented DAO-based database interactions with centralized JDBC connectivity, improving maintainability, data consistency, and request handling efficiency.

ACHIEVEMENTS

- Participated in national- and college-level hackathons including SIH (2024, 2025), CVMU Hackathon 2024, and Paranox 2.0. ([Certificates: Link](#))
- Solved 60+ Competitive Programming and DSA problems across platforms. ([Codolio Profile](#))
- Secured rank 1470 in CodeFest'25 among 47000+ participants, reflecting competitive coding proficiency. ([CodeFest'25](#))
- Oracle Certified in MySQL, with strong knowledge of relational databases and SQL queries. ([Certificate: Link](#))
- NCC 'B' Certificate holder, demonstrating discipline, leadership, and commitment to national service.

TECHNICAL SKILLS

- Programming Languages**: C/C++, HTML5, CSS3, JavaScript, SQL, Python, Java*
 - Frameworks**: Node.js, Bootstrap, JDBC, JSP, Servlet
 - Cloud/Databases**: AWS, MongoDB, MySQL
 - Tools/Platforms**: Git, GitHub, VS Code, Eclipse, Excel, Adobe Photoshop
 - Core CS Concepts**: Object-Oriented Programming (OOP), Operating Systems (OS), Database Management Systems (DBMS), Data Structures & Algorithms
- * Elementary proficiency

POSITIONS OF RESPONSIBILITY

- Finance Head & Technical Secretary** - Central Committee, ADIT *Jul. 2025 - Present*
Managed finances, documentation, and records for college events while coordinating technical sessions, workshops, and development activities.