Shubham Zala

B.Tech - Mathematics and Computing

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Dhirubhai Ambani University Technology
Formerly DA-IICT

Education

Dhirubhai Ambani University	2022 - Present
CPI: 6.56	*Gandhinagar, Gujarat*
BAPS Gurukul (GHSEB)	2021 - 2022
Percentage: 83.84	*Gondal, Gujarat*
BAPS Gurukul (GSEB)	2019 - 2020
Percentage: 87.5	*Gondal, Gujarat*

Experience

Software Development Intern: — May 2025 – July 2025
Alpha Automation Pvt. Ltd. (Remote)

- Completed a 2-month remote internship at Alpha Automation Pvt. Ltd., focusing on frontend development using JavaScript, HTML, and CSS. Collaborated on real-world UI tasks and gained hands-on experience in writing clean, responsive, and maintainable code.
- Coordinated with cross-functional remote teams to deliver features under tight timelines. Gained experience understanding requirements and implementing solutions in a fast-paced, client-oriented environment.

Projects

NGO Website: | *HTML,CSS,JavaScript,Node.js,Express.js,SQL* ○

- Developed Eco Sway, a sustainable marketplace dedicated to reshaping the way individuals interact with their environment.Eco Sway enables the donation and distribution of second-hand items, promoting sustainability, community engagement, and positive change.

FreeLancing System: | *HTML,CSS,Java Script,Node.js,Express.js,SQL* ○

- Built a freelancing marketplace with features like project posting, bid tracking, and user profiles. Designed backend using SQL to manage user activity and enable pattern-based project recommendations (basic logic).

Food Order Bot: | *Dialogflow, FastAPI, MySQL, Python* ○

- Developed an NLP chatbot using Dialogflow and FastAPI that tracks food orders and stores structured data in MySQL. Designed backend logic to extract insights like most-ordered items and user preferences.

Technical Skills

Languages: C++, JavaScript, SQL
Developer Tools: Version Control System(Git),Github, VS Code, Latex, Pgadmin
Frameworks: Node.js, Express.js, React.js, Bootstrap, Dialogflow(Google), REST API
Cloud/Databases: MongoDB, PostgreSQL
Soft Skills: Root Cause Analysis, Self-Motivation, Communication, Team Collaboration
Analytical Skills:: Problem Solving, Pattern Discovery, Root Cause Analysis, Data-Driven Thinking
Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Computer Networks, Machine Learning
Areas of Interest: Full Stack Development, Competitive Programming, AI/ML, Cloud Computing, Chess, Stock Market

Position Of Responsibility

Core Member — Jan 2025 - Present
Hostel Management Committee, DA-IICT

- As a member we ensure proper residential facilities are provided in the hostel. We also make decisions related to hostel life and ensure their implementation on behalf of the residents. Essentially, we act as the interface between hostel residents and the administration.

Achievements

- Secured 127th Rank in GHSEB overall state(ACPC) merit list.
- Gold Medalist in Dr. Raman Science Quiz (2018).
- Solved 400+ Data Structures & Algorithms problems across LeetCode, GFG — enhancing logic, optimization, and debugging under constraints.