Shubham Zala

B.Tech - Mathematics and Computing

✉ gmail in linkedin ⬡ github 📞 +91 8401098994 📍 Rajkot, India

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.
- Worked in Agile sprints with cross-functional teams to deliver UI features.

Projects

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

- Created an NLP chatbot using Dialogflow and FastAPI to handle food orders through natural language. Integrated MySQL for structured data storage and analytics like most-ordered items and user preferences. Designed backend logic in Python for order tracking, intent classification, and entity extraction. Demonstrates skills in NLP, Python backend, and scalable database-driven conversational AI.

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

- Developed a full-stack web platform connecting NGOs, volunteers, and individuals for sustainability initiatives. Implemented secure authentication, PostgreSQL-backed donations/recyclables system, and a Botpress-powered AI chatbot for environment and weather queries. Built with Node.js, Express, EJS, HTML, CSS, and GitHub, ensuring scalability and data security.

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).

Technical Skills

Languages: C++,Java(basics), JavaScript,SQL
Developer Tools: Version Control System(Git),Github,Pgadmin
Frameworks: Node.js(basics),Dialogflow(Google),
Cloud/Databases: MongoDB, PostgreSQL
Soft Skills: Root Cause Analysis, Self-Motivation, Communication, Team Collaboration
Analytical Skills: Problem Solving, Pattern Discovery, Data-Driven Thinking
Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Machine Learning/NLP(basics)
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.