

Shubham Zala

B.Tech - Mathematics and Computing

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Education

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

Experience

Software Development Intern: Alpha Automation Pvt. Ltd. (Remote)	May 2025 – July 2025
<ul style="list-style-type: none">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.Worked in Agile sprints with cross-functional teams to deliver UI features.	

Projects

NGO Website: HTML,CSS,JavaScript,Node.js,Express.js,SQL	
<ul style="list-style-type: none">Built a full-stack web platform connecting NGOs, volunteers, and individuals for sustainability initiatives. Implemented secure user/NGO authentication, a PostgreSQL-backed transaction system for donations and recyclable products, and integrated a Botpress-powered AI chatbot for environment and weather queries. The project demonstrates hands-on experience with scalable backend (Node.js, Express), responsive frontend (HTML, CSS, EJS), and open-source tools like GitHub and bcrypt security.	
FreeLancing System: HTML,CSS,Java Script,Node.js,Express.js,SQL	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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, Jav(Basic with spring boot concept), 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: Cloud/Databases: MongoDB, PostgreSQL, Basic exposure to cloud deployment using AWS (or any platform you've actually used)
Soft Skills: Root Cause Analysis, Self-Motivation, Communication, Team Collaboration, Familiar with Agile/Scrum practices
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 Hostel Management Committee, DA-IICT	Jan 2025 - Present
<ul style="list-style-type: none">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.