

Dhaval Malsattar

B.Tech – Mathematics and Computing




✉ mail  linkedin  github



Education

Dhirubhai Ambani University CPI: 8.75	2022– Present Gandhinagar, Gujarat
BAPSSwaminarayan Gurukul, GONDAL (GHSEB) Percentage: 85.84%	2021– 2022 Gondal, Gujarat
Shree Sahayog Saraswati Vidhya Mandir (GSEB) Percentage: 86.83%	2019– 2020 Anjar-Kutch, Gujarat

Projects

- Basic Exam Portal** | *React.js, Node.js, Express.js, MongoDB* 
- Engineered a secure and user-friendly online examination system supporting live tests with email OTP verification and timer-based auto-submission.
 - Implemented anti-cheating measures such as enforced fullscreen mode and detection of tab/window switching.
 - Ensured seamless experience for both administrators and students by focusing on intuitive UI and robust backend logic.
- Car Dealer Management System** | *Java Script, JDBC, PostgreSQL, eclipse* 
- Design and implement a database that creates a user-friendly car dealer management system for customers.
 - This system aims to streamline the operations of a car dealership, improve customer experience, and enhance the efficiency of managing inventory and sales.
 - Designed a database schema and Implemented using PostgreSQL and Eclipse.
- NGO Website** | *HTML, CSS, Java Script, Node.js, Sql* 
- Developed Eco Sway(Website Name), 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.

Technical Skills

Languages: C++, C, Java (basic), JavaScript, SQL, Python (basic)
Developer Tools: Git, Postman, VS Code, MongoDB Compass, PgAdmin, Latex, Colab
Libraries/Frameworks: React.js, Node.js, Express.js
Cloud/Databases: MongoDB, PostgreSQL
Soft Skills: Team Collaboration, Problem Solving, Time Management
Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Machine Learning, Object Oriented

Programming

Areas of Interest: Backend Development, Competitive Programming, Mathematics, DSA

Position Of Responsibility

- Event Coordinator** Nov 2023
Concourse, Collage Sport Fest
- One of the Coordinator a large-scale E-sports tournament, scheduling and match operations to ensure fair play and engagement.

Achievements

- secured 72th Rank in GHSEB overall state(ACPC) merit list.
- Codeforces max rating:1459 (ID:DhavalM21)
- Solved 700+ problems across platforms
- Achieved a global rank of 1600 in Codeforces Round #1029, competing among 36000+ participants worldwide.
- Represented my School in Chess competition held at District level