

Dhruti Desai

github.com/dhruti26
linkedin.com/in/desai-dhruti/

Email: dhrutidesai1791@gmail.com
Mobile: +91 8200092106
leetcode.com/dhrutidesai/

EDUCATION

- **Dharmsinh Desai University** Nadiad, India
Bachelor of Technology - Computer Engineering; CPI: 9.19 Currently in VII semester
- **Sir JJ High School** Navsari, India
Percentage: 92.92%

SKILLS

- **Programming Languages:** Advanced: C++, JavaScript ; Intermediate: C, Java, Python
- **Tools/DBMS:** VS Code, GitHub, MongoDB, MySQL, Oracle, Visual Studio, Postman
- **Frameworks:** ReactJS, Node, Express, Angular
- **Other Languages and skills:** HTML, CSS, Machine Learning, OOP, DBMS, NumPy
- **Operating system:** Windows, Linux

EXPERIENCE

- **SDE Intern** Remote
ITJOBXS May - June 2024
 - **Development:** Worked on the Design and Development part of a Fully Responsive Webpage for a particular section of itjobxs.com
 - **Contributions:** Worked on user authentication and detection and removal of the faked bots and posts
- **Web Developer Intern** Remote
Sparks Foundation January 2024
 - **Implementation and Testing:** Involved in the implementation and testing part of their website features, gaining a holistic understanding of the features involved in creating a successful website.
 - **Team Collaboration:** Collaborated effectively in a team environment, received positive feedback, and gained practical insights into the industry.
- **Hacktoberfest'23** Remote
Open Source Contributor October 2023
 - **Contributions:** Contributed to projects including API enhancing and its implementation, UI development, fixing bugs.
 - **Cross-functional Team:** Collaborated with a cross-functional team to deliver high-quality code improvements and received recognition for outstanding contributions.

PROJECTS

- **PathFinding Visualizer-Dijkstra's Algorithm** View Live: PathFinding Visualizer
ReactJS, HTML, CSS, Javascript
 - **Visualization:** Developed a dynamic Pathfinding Visualizer with **animated shortest path** algorithm, empowering users to interactively select start and end points.
 - **Algorithmic Optimization:** Through iterative enhancements and algorithmic optimizations, achieved a remarkable **10% increase** in the speed of finding the shortest path with captivating visual elements.
- **Blood Bank** GitHub: Blood Bank
MERN STACK
 - **Data Retrieval Efficiency:** Revolutionized donor information storage and inventory management, by improving data retrieval efficiency by 10%.
 - **MongoDB Database:** Implemented a MongoDB database with 15% faster query responses, zero security incidents with data protection standards.
- **Shieldify** GitHub: Shieldify
Machine Learning
 - **An Email Spam Extension:** Utilizing machine learning algorithms to accurately identify and filter out spam emails, Improved spam detection accuracy by 10%.
 - **Advanced Machine Learning:** Reduced false positives by 15% through continuous learning and adapt to new spam patterns, ensuring optimal performance, user satisfaction and enhanced information delivery.

ACHIEVEMENTS

- **Google Girl Hackathon'24:** Selected in prestigious Google Girl Hackathon'24 .
- **Leetcode:** Achieved a top 1% ranking on Leetcode by solving 250+ algorithmic challenges.
- **Hacktoberfest'23:** Top performer in Hacktoberfest'23 - Under 12% Top coders.
- **Walmart Codehers:** Under top 10% girls in Walmart Codehers Hackathon.
- **Mentorship:** Selected as Mentor at SWOC'24.

COURSEWORK

- **Subjects:** Object Oriented Programming, Data Structures and Algorithms, Web Development, Database Management System, Advance Algorithms, Operating System