DHRUVIL CHODVADIYA

Surat, Gujarat, India - 395006

Mobile: +91 88667 70880 | **Email**: dhruvac29@gmail.com | **Portfolio**: dhruvil.vercel.app
LinkdIn: https://www.linkedin.com/in/dhruvil-chodvadiya-6a4434175/ | **GitHub**: github.com/dhruvac29

Education

Dharmsinh Desai University	**August 2018 – May 2022**
Bachelor of Technology in Information Technology; GPA: 8.89/10.00	*Nadiad, Gujarat*
Ashadeep Science Bhavan	**July 2016 – March 2018**
Higher Secondary Certificate,GHSEB; Percentage: 89.60%	*Surat, Gujarat*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Knowledge Systems
- Computer Architecture
- Software Methodology
- Database Management
- Networking
- Compiler Design

Experience

Freelance Web Developer   **May 2022 – September 2022**
Full Stack Developer   *Remote*

- Worked on import-export-trading website front-end part from wireframe design to the deployment on the server.
- Explored ways to make UI/UX, SEO, accessibility, and performance more promising using HTML, CSS, and Javascript.
- Used Technology: React, MongoDB, NodeJS, HTML, CSS, Javascript.

Space Application Center, ISRO   **December 2021 – April 2022**
Research and Development Intern   *Ahmedabad, Gujarat*

- Worked on various Martian Datasets like OpenMARS, EMARS, and ISCA framework.
- Created stereo-graphic charts with Python scripts from several libraries, including numPy, Panda, OpenCV, and PyTorch, and studied the cause of the windstorm on the Polar Vortex.
- Utilized Python and MATLAB as a script development environment in order to visualize the data theoretically and visually.
- Used Technology: Python, MATLAB, NetCDF4.

Projects

Keep In Touch | *Android Studio, Firebase, JAVA, Google map API*   **March 2021**

- Created an Android application using JAVA, Firebase, and Android Studio for Tourist Group with functionalities like create/join group,chatting, location tracking,image sharing etc. We can track each member's current position, and if they leave the zone set by the leader, both parties are notified, making it easier to find a missing group member.
- Users can create and invite other members to the group, and share photos and videos and they can also chat like other social media.
- Implemented user-friendly and intuitive UI, code, or code-based invitations to group, and also worked on creating a reliable notification system for the app.

Blogging Web Application | *MongoDB, ExpressJS, ReactJS, NodeJS*   **January 2021**

- Designed a Book Store using ReactJS and MongoDB to host a database of blogs.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Bike Showroom and Service Center Management System | *SQL server, HTML, CSS*   **December 2020**

- Developed a full database of bike showrooms and service centres for every showroom in which we can live track servicing of any bike in the service centre and track buy—sell and stock of the bike as well as manage staff and offers on the festival.

All in One Compiler | *NodeJS, JavaScript, jQuery, Ajax, Flex, Yacc, C*   **November 2020**

- Designed a web compiler for university students and faculties with 4+ features, including the first follow, left factoring, left recursion, token generation, and accelerating the learning process.
- Conceptualized 2+ improvements to the compiler based on students' feedback leveraging Node, Flex, and C.

Technical Skills

Languages: Python, Java, C/C++, C#, HTML/CSS, JavaScript, SQL
Tools: VS Code, GIT, MySQL, MongoDB, Android Studio,
Technologies/Frameworks: Linux, NodeJS, Angular, React, ASP.NET, .NET Core