

Margesh Modi

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EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Computer Science and Engineering GPA: 9.54

Gandhinagar, India

OCT 2021- Present

PROFILE LINKS

- GitHub
- Codechef: Max Rating (1578)

WORK EXPERIENCE

OOPAR CLUB

April 2024 – June 2024

Software Developer Intern (Remote)

- **Optimized critical features**, including personal chat, events page, and notifications, ensuring seamless performance under high user load.
- Implemented **Google APIs** to power the autocomplete functionality, significantly improving data input accuracy and user experience. Integrated OneSignal for automated, personalized notifications, enabling timely and **effective user communication**.

TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript, HTML/CSS, SQL, MongoDB, PostgreSQL, ReactJS

Frameworks: Node.js, Flask, Express.js, Selenium Webdriver, AWS

Software Tools: Figma, Flask, Jupyter Notebooks, MATLAB, Git/GitHub, Unix Shell, VS Code, IntelliJ IDEA, Atom

PROJECTS

dermAID | *Python, Flask, Html, CSS, Javascript, Machine learning, CNN, Efficientnet*

August 2023

- Developed an Skin Disease Detection AI Tool which is a cutting-edge solution designed to assist healthcare professionals and individuals in identifying various skin conditions accurately and efficiently
- Designed a app With an intuitive interface, users can easily upload images, **receive diagnoses**, and access valuable information about detected conditions, all while prioritizing **privacy and security**.

Stock Market Portfolio | *Python, REST APIs, Flask, Html, CSS, Javascript, MongoDB, OpenCV*

May 2023

- Developed an interactive stock market portfolio project enabling users to buy, sell, and gain hands-on experience.
- Implemented dynamic charts and data visualization for users to monitor stock performance and make informed investment decisions, while enhancing security through **facial recognition login using OpenCV**.

Win11Lite | *Html, CSS, Javascript, EJS, Node.js, Express.js, AWS*

December 2022

- Developed a Web application that seamlessly integrates entertainment and utility
- The Win11Lite web application, hosted on the **AWS** platform, includes classic games like Snake and Dice, a QR code generator for quick data sharing, **weather updates** for informed planning, a to-do list manager, and a virtual band system for musical enjoyment.

RELEVANT COURSEWORK

Computer Science: Object Oriented Programming, **Data Structures and Algorithms**, Software Design, Operating Systems, **Database Management System**, Computer Networks, **Design Pattern**, Compiler Design.

GENERAL SKILLS

Languages: English, Hindi, Gujarati

Other: **Leadership**, Team Work, Communication Skills, Logical Reasoning, **Problem-solving skills**.

OTHER ROLES

Science and Technical Commitee

Core Technical Member

Gandhinagar, India

Sept 2022- Jul 2023