

# 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

**Fitpage | NextJS, NestJS, JavaScript, PostgreSQL**

Mumbai, Maharashtra

*Software Engineer*

*Jun 2025 – Present*

- Designing and implementing scalable solutions for high-traffic applications, ensuring performance, reliability, and security.
- Optimizing APIs and database queries to reduce latency and improve system efficiency across critical services.

*Software Developer Intern*

*Jan 2025 – May 2025*

- Led the complete revamp of **training.fitpage.in**, driving a 50% increase in active users and a 30% boost in revenue from training plan purchases.
- Built and deployed scalable RESTful APIs for the **Spolo app**, ensuring high performance and seamless feature integration under expected load.

**Oopar Growth Ventures Pvt Ltd | Angular, NodeJS, JavaScript, Firestore**

April 2024 – June 2024

*Software Developer Intern* 🌟

*Bangalore, Karnataka*

- **Optimized critical features** such as personal chat, events page, and notifications by analyzing and refactoring code, reducing load times by **80%**.
- Developed a robust **Admin Dashboard** for centralized operations: goal-setting, messaging, admin rights, and integration of **Aisensy** feedback.
- Integrated **OneSignal** to automate personalized notifications, ensuring effective communication with users.

## TECHNICAL SKILLS

- **Languages:** C/C++, Python, JavaScript
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Web Technologies:** HTML5, CSS3, React.js, Node.js, Express.js
- **Frameworks & Libraries:** Flask, Django, OpenCV, NumPy, Pandas, Matplotlib, Seaborn
- **Tools & Platforms:** Git, Linux, MATLAB, Arduino IDE
- **Cloud & DevOps:** AWS (S3, EC2, CloudFront, RDS, SNS, Amplify), Terraform, Docker

## PROJECTS

**Hostel Leave Management System**

*React, Javascript, NodeJS, Prisma, PostgreSQL*

August 2024

- Developed a comprehensive web application for managing hostel leave requests with distinct panels for students, staff, and admins, **contributing to streamlined leave management at the college.**
- Students submit leave requests, which are reviewed and approved by wardens, generating a **QR code** displayed on their dashboard.
- The system facilitates **QR code scanning for entry and exit**, ensuring **secure** and efficient leave management.

**dermAID – Skin Disease Detection AI Tool**

*Python, Flask, HTML, CSS, JavaScript, Machine Learning, CNN, EfficientNet* ▶

Sept 2023

- Built 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 an intuitive app interface that allows users to upload images, **receive diagnoses**, and access valuable information about detected conditions, prioritizing **privacy and security.**
- Implemented a feature to generate diagnostic **report for users**, providing comprehensive insights.

## OTHER ROLES

**Science and Technical Committee**

*Technical Head*

Gandhinagar, India

*Sept 2022- Jul 2023*