

Anup Singh

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PROFESSIONAL SUMMARY

Computer Engineering student with a strong foundation in web development and the MERN stack. Skilled in building dynamic and responsive web applications with real-time features. Adept at problem-solving, critical thinking, and quickly adapting to new technologies. Experienced in developing secure, scalable applications and integrating authentication, database management, and cloud services. Strong collaboration and communication skills with a track record of working effectively in team-based projects and leadership roles.

EDUCATION

Bachelor of Technology in Computer Engineering
CGPA - 7.42

Marwadi University, Rajkot (NAAC A+) 2022 – 2026

Class XII (CBSE)
Percentage: 80%

Aklank Public School, 2019 – 2021

Class X (MHBSE)
Percentage: 88%

Sharada High School 2019

PROJECT WORK

Plant Disease Detection (Currently in Progress)

6th Semester Project

Developed a deep learning-based web-app for diseases from leaf images

Jan 2025 – Present

- Image Classification: Utilizes a CNN model trained on a dataset of healthy and diseased plant leaves.
- Flask API Integration: Serves the trained model via a Flask-based backend
- Deployment: Hosted frontend on Vercel, resolving CORS issues for backend integration.
- Tech Stack: Python, TensorFlow, Flask, OpenCV, React.js, Vercel.

Learnomic | [Link](#)

Personal Project

Developed a web app for student access to PYQs and study notes.

Oct 2024

- Subject Categorization: Categorized subjects by semester to streamline navigation.
- PDF Integration: Utilized Google Drive links for seamless PDF storage and access.
- User Authentication: Implemented secure login and registration with Google authentication.
- Tech Stack: React.js, Firebase, HTML, CSS, Google Drive

Site Manager

Freelance Project

Developed a web platform for managing labour, finances, and stock in brick manufacturing.

Aug 2024 – Oct 2024

- Payment Records: Manages records of payments, balances, and transactions.
- Stock Tracking: Monitors the available bricks by their quality in real time.
- Report Download: Added excel report downloading feature by using filters
- Automated Calculations: Computes wages, payments, and stock balances.
- Tech Stack: React.js, Firebase, HTML, CSS, JavaScript

SKILLS

- Programming Languages: C, Java, Python, JavaScript, SQL
- Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js
- Databases: MySQL, MongoDB
- Tools and Platforms: Git, GitHub, Firebase, Visual Studio Code

CERTIFICATION

- Cisco: CCNA: Switching, Wireless and Routing Essentials (SWRE)
- Oracle: Database Programming with SQL
- IBM: Enterprise Data Science in Practice
- AWS: AWS Academy Cloud Foundations

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Creative Lead, Google Developer Student Clubs(GDSC)

Aug 2023 - Aug 2024

- Designed and managed over 20 promotional materials, such as banners and posters. Coordinated and executed 9+ events, including workshops, hackathons, and guest lectures, boosting engagement and community outreach.

IEEE Member

- Hosted a track at the IEEE HTC Region 10 conference, facilitated the smooth presentation of papers by 40+ authors and researchers, ensuring efficient scheduling and organization.

Core Committee Member, MU Fest 24'

- Contributed to event planning and execution, ensuring smooth operations and enhancing attendee satisfaction.