RAJ MAKWANA

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EDUCATION

Nirma University   2023-2027
*B.Tech – Computer Science And Engineering - **CGPA – 9.35***   *Ahmedabad ,Gujarat*

TECHNICAL SKILLS

Languages : C/C++, Python , JavaScrpit, Java, HTML, CSS
Technologies/Frameworks : Mern Stack, Flask, MongoDB, Firebase
Developer Tools : Vs Code , Git , GitHub , Android Studio , Figma
Course : Machine And Deep Learning , Object Oriented Programming

EXPERIENCE

Hactoberfest'24 : Contributor   October-2024
- Contributed To Open Source Web Development And Python Projects , focusing on User Interface and Backend Implemented Key features RESTful Api , user authentication and integration of database

Backend Intern (Present 5 month) : MatterAssist Startup At Nirma University , Building Lawyer Management System

HACKATHON PROJECTS

Nasa Space Apps'24 : Environmental Impact Assessment(EIA)   October-2024
- Framework : Python-Flask , Machine Learning , ReactJS , Tailwind , Google Earth Engine , GEMINI Api , MongoDB
- Applied ML models to predict flood , earthquake , EIA report based on Given Construction Input
- Visual Area Selection On Map , Construction-Environment Impact Report Generation , Suggestion Using GEMINI Api

HackNuThon 6.0 : PipeTest   March-2025
- Framework : Python-Flask , Selenium-PowerShell Scripting , ReactJS , NodeJS , GitLab CI/CD , GEMINI Api , MongoDB
- Automated System Testing Tool On Input Figma Design And Test Website URL , CI/CD Integration With GitLab
- GEMINI Api to generate Multithreaded Selenium Script , Pipeline Testing , Developer Dashboard

PROJECTS

Coded : Computer Vision   June-2024
- Framework : Python- OpenCV , PyautoGUI
- Implemented Face Recognition, Smart Attendance System , Virtual Mouse , Security Camera , Eye Tracking
- Utilized OpenCV framework , Scanning Qrcodes , Landmark tracking , Cascade face data training model

Application : Weather App   November-2024
- Framework : Java Swing , Weather Apis , OpenJDK , Jar Dependency
- Implemented enhanced UI using swing , Fetching weather by user location , Location functionality Using LocationIQ
- Dynamic layout according user's location weather , History panel table for searched locations

ACHIEVEMENTS

Academics – Bronze Medalist In B.Tech First Year , Won Local Computer Club Events
Codeforces – Max Rated **1193**
LeetCode – 580+solved , Top 8.54% , Max Rated **– 1778 ,** Achieved **1654** global rank in weekly contest 438
CodeChef – 3 star , Max Rated **– 1615**
IICPC – Ranked **1942** CodeFest'25 Prelims , 45000+ participants
Secured **Top 5** position in the Nasa Space Apps Challenge'24 Nirma University Regional Competition