

Drishty Ganatra

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EDUCATION

Bachelor in Engineering - Computer Engineering 2020 – 2024 | 9.26 CGPA
Vishwakarma Government Engineering College 🔗

Senior Secondary 2020 | 80%
Gujarat Secondary and Higher Secondary Education Board (GSEB)

PROJECTS

PCOS-Sakhi 🔗 Mar 2023 – present

Node.js | HTML | CSS | Javascript | Python | MongoDB | Express.js | IoT

- Collaborated with 2 others to build a platform for personalized management of **Polycystic Ovary Syndrome**.
- Contributed on **data preprocessing** and applied 5 machine learning techniques for **PCOS detection** including support vector machine, random forest classifier, decision tree.
- Integrated **model with backend** and used **Node.js** in the project. Integrated OpenAI API.

LegitCred : Blockchain based certification system 🔗 Mar 2023

Solidity | Node.js | Ether.js | NFTs | Metamask | IPFS | Pinata

- Developed a blockchain-based certification system that utilizes **NFTs** and **smart contracts** to create immutable & easily verifiable records of certificates by teaming up with 5 other members.
- Created the smart contract using **Solidity** for **minting NFTs**. Additionally, worked on backend using **Node js**.

Your Foot Doctor : Foot Arch Detection 🔗 Mar 2023

Python | CNN | Node.js | Express.js | Tensorflow

- Collaborated with 2 other members on a project assigned by **Your Foot Doctor** 🔗, which involved classifying **foot arches into** low, medium and high. Performed **data preprocessing** and **augmented** the data.
- Applied **contour-based** techniques to extract relevant features from **1200+** images, followed by the application of **convolutional neural networks (CNNs)** to classify the foot arches.

Other Projects

American Express Makethon Credit Card Gamification Project 🔗 | **Discord Interview Bot** 🔗

ACHIEVEMENTS

Sponsor Track Winners at Hack-Vengers Hackathon by Parul University 2023

- Among **top 8 teams** out of **250+** participants and emerged out as Quick-heal sponsor track **Winners for PCOS-Sakhi**.

Leetcode ratings 2023

- **1700+** contest ratings, **500+** problems solved and **170+** reputation for **38+** technical articles on **Leetcode**

Google Girl Hackathon 2023 cleared 2 rounds 🔗 2023

- Cleared **2 rounds** of Google Girl Hackathon'23 and got and opportunity to attend **Learning Cohorts** by Googlers

Smart India Hackathon 2022 Pre-Finalist and Team Lead 2022

- Presented the idea **TechSpark** 🔗 and stood among the **top 10** teams to represent my college at **National Level**.

Harvard WEamplify Scholar 2022 2022

- Awarded with **WEamplify scholarship** to attend Harvard WECODE conference on 19th and 20th February

Alpha Microsoft Learn Student Partner 🔗 2021

- Selected to bring my peers together to learn new skills and build communities.

Among Top 200 - Google Women Engineer(WE) program 🔗 2021

- Secured a position in **Top 200 from 27,643** participants by clearing aptitude round, coding round and versant test.

Joint Entrance Examination (JEE) 2020

- Secured rank in **Top 4 Percentile** among 0.88 million students in JEE Mains 2020 and JEE Advanced 2020 Examination.

EXPERIENCE

Google Developer Students' Club(GDSC) Lead 🔗 Jul 2022 – present

- Built a technical community of **600+** students and **delivered talks** on topics like **Blockchain, Web technologies**.
- Organized **11** events: Girls in ICT Day, Machine Learning 101, Coding Premier League, Git & GitHub, Decoding Google Summer Of Code, Google Cloud Career Practitioner's Campaign, Intro to ML/AI, DSA, Flutter and Web
- Managed to land GDSC-VGEC into **tier 1** which is considered top tier based on the events conducted.

SKILLS

C/C++ | Data Structures and Algorithms | JavaScript | SQL | Node.js | Git | Express.js | Technical Writing

Python | Leadership | Public Speaking