

Yash Dnyanesh Ghan

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Education

Sr No.	Institute Name	Class / Specialisation	CGPA / Percentage	University / Board	Year of Passing
1	Marathwada Mitra Mandal's College of Engineering	BE in Information Technology with Minors in Data Science	9.07 CGPA	Savitribai Phule Pune University	2023
2	Pune Cambridge Jr. College	12th / Science	73.69 %	HSC	2019
3	S.P.M English School	10th / Maths	93 %	SSC	2017

Experience

January 2022 - August2022 [Live Demo](#) [Github](#) (latest version modified to next.js)

Smart India Hackathon 2022 - Hosted by the Ministry of Education of the Government of India |React.js | Django | Javascript |

- Built a progressive web-app capable of catering the needs of around **26.8 million disabled people from India**.
- Main functionality of Web app is to display various **government schemes to disable people, increase accessibility and availability** of every data present in the pwa
- Created Home page , Blog Page , Community Page, About Us , Schemes Page with Voice Navigation feature using **ReactJS**
- Used **Django** for login, signup authentication, Creating and Updating posts, Comments, Likes in Community page
- Used **Web Scraping** using **Python** for gathering data for schemes page
- Used **MongoDB** as a database. **Twilio** messaging service to send SMS alerts. Deployed the service to **Amazon Web Services Elastic BeanStalk Service**.

May 2022 - June 2022

Persistent -Internship Martian Program 2022

- A virtual internship offered by persistent under Persistent Martian Program 2022-23
- Skills like DSA, computer Networking , Object oriented Programming, DBMS and Operating Systems were tested through various challenges

Projects

Jul 2023 - Apr 2023

Drug Supply Chain Management System |Node.js | Solidity | MongoDB | Tailwind CSS | React.js | JavaScript | Mocha | Truffle| Ganache

- The project enhances transparency, security, and efficiency in the pharmaceutical industry using blockchain's immutable ledger.
- The system, a decentralized network, links stakeholders through blockchain smart contracts, allowing real-time tracking and immutable records.
- The high-level workflow starts with Pharmaceutical Companies registering and creating supply chain actors/entities.
- Smart contracts facilitate interactions and are recorded on Ethereum.

Mar 2023 - July 2023

A Real-time Obscenity Content Detection Solution - (Cloud Native Solution) | MongoDB | Google Cloud Platform (GCP) |

|TensorFlow | Python | React.js | FastAPI | Javascript [Github](#)

- The real-time obscene content detection web extension employs advanced algorithms and machine learning techniques for seamless functionality across major browsers.
- The extension monitors user-accessed content, analyzing text, images, and videos through contextual understanding to detect explicit or offensive material.
- Detected content is promptly blocked, ensuring a safer browsing experience.

Awards and Achievements

- **Winner of the Smart India Hackathon Grand Finale 2022 hosted by the Ministry of Education of Government of India**
- **Nominated for participating in the UNESCO-India-Africa (UIA) Hackathon which is only for the people who have won the Grand Finale 2022 of Smart India Hackathon.**
- Amongst the top 10 rankers of Hacksprint 2.0 Hackathon organized by MMCOE.
- Solved **500+ problems** on **Leetcode**
- Got **Global Rank of 1507** in Codechef March cookoff out of approximately **7000 candidates** who had participated across the globe
- Awarded **19th place** out of **1176 participants** in **Google Atlas Madness Hackathon**

Skills

Expertise Area: Data Structures and Algorithms | Object-Oriented Programming | MySQL | C++ | Java

Programming Languages and Technologies: Solidity| Truffle | Ganache | Mocha | C++ | Java | C++ STL | Git and Github | TailwindCSS | Javascript | React.js

Positions and Responsibilities

- **Co-Head of Google Students Developers Club | Domain:** Competitive Programming
- **Head of IT Tech Club of MMCOE | Domain:** DSA and Problem Solving