

NISARGA DEY

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EDUCATION

Computer Engineering (B.Tech.) , Marwadi University, Rajkot SGPA(Sem 4): (9.08/10)	2022-2026
Higher Secondary , Atmiya Vidyapeeth GRADE: (87.8/100)	2020 - 2022
Secondary School , Atmiya Vidyapeeth GRADE: (92.6/100)	2019 - 2020

SKILLS

Programming/Scripting Languages: C/C++, Java, Python,

Web Development: HTML, CSS, JavaScript, React, NodeJS

Database: MySQL, SQLite, MongoDB

Other: Analytical Thinking, Problem Solving,

EXPERIENCE

Mentor GSSoC	May 2024 - Present
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- Communicating with GSSoC contributors about selection, participation, dismissal, and issues.
- Helping contributors with their first contributions to a project, and ensure they have a detailed plan.
- Administrative responsibilities, such as filling out evaluation documents,

PROJECTS

Vruksham : Vruksham is an Ayurveda-based healthcare app featuring plant scanning to identify medicinal properties, Ayurvedic dosha analysis, a quiz, an E-library, a community for sharing plant updates, and doctor consultations. It also includes 'Vruksham Cart' for Ayurvedic medicines and store locations, promoting holistic wellness.

Technology Used: React.js, Tailwind CSS, Flutter, Firebase, MongoDB.

SatyaMeds : VSatyameds is a blockchain-powered platform that ensures the authenticity of medicines throughout the supply chain. By integrating IoT, we provide real-time tracking and verification, preventing counterfeiting and ensuring transparency from manufacturer to consumer.

Technology Used: React.js, Tailwind CSS, Flutter, Firebase, Solidity.

Real Estate Website : Enables efficient data management for property listings, user accounts, and transactions. The site allows users to search for properties, view detailed listings, and connect with sellers, providing a seamless and dynamic user experience.

Languages used: Node.js, React, MongoDB.

ATM Simulator: The simulator mimics real ATM functionality, including features like balance inquiries, cash withdrawals, deposits, and secure user authentication.

Languages Used: Java, Swing , Mysql.

ACHIEVEMENTS

- **Hack The Mountains 5.0 (2024) 1st Runner Up** : We developed Vruksham, a one-stop Ayurvedic platform integrating AI-based medicinal plant detection and personalized Dosha analysis. Through innovative technology, we aimed to bridge the gap between traditional Ayurveda and modern digital solutions. The hackathon provided an incredible opportunity to showcase our skills, refine our idea, and compete against top talent.
- **Patent Application** : We have applied for a patent for Vruksham, our innovative Ayurvedic platform that combines AI-powered medicinal plant detection with personalized Dosha analysis. This step marks a significant milestone in our journey to bridge traditional Ayurveda with modern technology. We are optimistic about receiving a positive response soon, which will further strengthen our vision of making holistic wellness more accessible and data-driven.

CERTIFICATES

- **Cloud Foundations:** AWS Academy

- **Data Engineering:** AWS Academy
- **Basics of Computer Networks:** Cisco
- **Enterprise Data Science:** IBM

EXTRA-CURRICULAR ACTIVITIES

- I participated in HackCBS 7.0, one of India's largest student-run hackathons, held in 2024 in Delhi. During the event, I collaborated with a team to develop an innovative solution within a limited timeframe, applying my skills in problem-solving, coding, and teamwork .
- Attended SIG(Student Interest Group) workshop that focused on enhancing communication skills , personality development and leadership.
- Represented my District in district-level football tournaments, demonstrating teamwork, discipline, and leadership on the field.