



SAMARTH NANDE

CONTACT DETAILS

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SKILLS

Python

Flask Framework

C programming

C++ development

Java

Javascript

HTML and CSS

MongoDB database

MySQL database

Windows Operating System

Linux Operating System

PROFESSIONAL SUMMARY

Proficient in Python, C, C++, Java, and JavaScript with strong web development skills. Experienced in MongoDB, MySQL, and Flask for backend development. Demonstrated impact through innovative contributions to healthcare and green energy initiatives, with recognition at national-level competitions including DIPEX 2025.

EDUCATION

Zeal College of Engineering and Research Jul 2023 – Present
Bachelor of Engineering (Computer Engineering)

PROJECTS

PlugWise – Effortless EV Charging & Navigation Mar 2025 – Apr 2025

Finalist at DIPEX 2025

- Built a smart EV charging platform with real-time station booking and navigation.
- Integrated Google Maps API for live route assistance to nearby stations.
- Used MySQL and a dynamic dashboard to monitor station usage.
- Reduced wait times and improved charging efficiency.
- Delivered a seamless, intuitive EV charging experience.

USBGuard – Real-time External Device Intrusion Lock System Nov 2024 – Dec 2024

- Developed a Windows security tool for USB/mobile device intrusion detection
- Used Python's WMI, registry queries, and pywinusb for device monitoring
- Triggered full-screen lock and password prompt on unauthorized access
- Built GUI using Tkinter and Win32 API for usability
- Secured systems against data theft, hardware keyloggers, and malware

CureByDiet – AI-Based Disease & Diet Recommendation System Jul 2024 – Nov 2024

- Created an AI web app for disease prediction from symptom inputs
- Suggested personalized recovery diets and nearby doctor contact info
- Integrated Symptomate & Infermedica APIs for 25+ diseases
- Used Flask and MongoDB to manage user and booking data
- Built a responsive frontend with HTML, CSS, and Python

AWARDS

Finalist – DIPEX 2025 Project Competition 6 Apr 2025
DIPEX-2025 (ABVP & Srijan Trust, COEP Pune)

Recognized as a finalist for presenting an innovative EV Charging Station project at DIPEX 2025, a national-level exhibition of engineering models.

Winner – IBM Qiskit Fall Hackathon 8 Oct 2024
IBM – International Business Machines Corporation

Secured first place in the IBM Qiskit Fall Hackathon for developing an innovative solution using quantum computing, held at Zeal College of Engineering and Research.

Winner – Logic Building Competition 20 Jul 2024
Zeal College of Engineering and Research

Won first place in the Logic Building Competition conducted at Zeal College of Engineering and Research, demonstrating strong analytical and problem-solving skills.