

NAYAN RAUT

Wardha, Maharashtra, India

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Education

Bachelor of Technology in Computer Engineering

2021 - Present

Bajaj Institute of Technology, Wardha, Maharashtra

CGPA: 7.24 (Till Sem V)

Higher Secondary School Certificate (HSC)

2019 - 2021

New English Junior College, Wardha. (Maharashtra State Board)

86.17 %

Technical Skills

Programming Languages : Java, C, Python, Dart, HTML/CSS, JavaScript, PHP

Frameworks/Libraries : React, Bootstrap, Flutter, Matplotlib, lottiefiles

Tools/Database/Platform: Git, Github, Firebase, MySQL, VS Code, Arduino

Graphics Designing/UI : Figma, Canva

Projects

SustainX | [Github Link](#) | [Figma Link](#)

Jan 2024 - May 2024

- **App based** solution for scheduling trash pickup from desired location. Use of **ML algorithms** for trash segregation and classification.
- Project selected for **Google Solution Challenge's Regional Bootcamp**.
- Technologies used: **Flutter, React, Firebase, Cloud Firestore, Google Maps API, Google Cloud Console, Python, ResNet-152** and **Razorpay Pay API**.

Band-O-bast | [Github Link](#)

Nov 2023 - Dec 2023

- Developed an **IoT-based** solution for the **Grand Finale** of the **Smart India Hackathon 2023**.
- Implemented a wearable device using ESP8266, MAX30100 Pulse Oximeter, LoRa SX1278, and GPS Neo6M to track and monitor deployed police personnel during Bandobast.
- Programmed hardware devices using **Arduino IDE**, transferring real-time geo-location to **Firestore Realtime Database**.

Agricultural Equipment's Rental System | [Github Link](#)

Aug 2023 - Nov 2023

- Web based solution for renting the agriculture equipment's which highlight potential to revolutionize the way farmers access and utilize farm equipment.
- Owner can add, update and view their equipment's and their details, Also containing admin dashboard to view the customer details.
- Technologies used: **HTML, CSS, Bootstrap, PHP, MySQL, Razorpay Pay API** and **SMTP** for sending invoice.

Achievements

- **Grand Finalist** of **Smart India Hackathon 2023**. [🔗](#)
- Secured a **3rd prize** in the **Zonal Level Avishkar-2024 Competition** held at Rajiv Gandhi College of Engineering Research and Technology (RCERT) Chandrapur. [🔗](#)

Certifications

- Completed Python Essentials 1 & 2 courses from Cisco in collaboration with OpenEDG Python Institute - Jun 2024 [🔗](#)
- Completed Data Structures course from Coursera authorized University of California San Diego - Mar 2023 [🔗](#)
- Completed Java Programming: Solving Problems with Software course from Coursera authorized Duke University - Oct 2022 [🔗](#)
- Completed C for Everyone: Programming Fundamentals course from Coursera authorized University of California, Santa Cruz - Mar 2022 [🔗](#)