

NAYAN RAUT

Wardha, Maharashtra, India

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Education



Bachelor of Technology in Computer Engineering <i>Bajaj Institute of Technology, Wardha, Maharashtra</i>	2021 - Present <i>CGPA: 7.11</i>
Higher Secondary School Certificate (HSC) <i>New English Junior College, Wardha. (Maharashtra State Board)</i>	2019 - 2021 <i>86.17 %</i>


Technical Skills


Programming Languages : Java, C, Python, HTML/CSS, JavaScript, PHP
Frameworks/Libraries : React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Flutter, lottiefles
Tools/Database/Platform: Git, Github, Firebase, MySQL, MongoDB, VS Code, Arduino
Graphics Designing/UI : Figma, Canva

Projects


Margdarshak  Github  Website	Aug 2024 - Nov 2024
<ul style="list-style-type: none">Designed and developed Margdarshak, a mentorship platform enabling efficient slot-based scheduling and coordination for 50+ mentors and mentees, enhancing user engagement by 60%.Implemented mentor availability and booking features with real-time slot management, mentors can review and accept requests based on availability. Deployed the project on Vercel, optimizing response times by 30%.Leveraged React.js, Tailwind CSS, Node.js, Expree.js and MongoDB Atlas to deliver a scalable and secure application and increasing platform responsiveness by 25% with a modern UI/UX.	



SustainX  Github  Figma	Jan 2024 - May 2024
<ul style="list-style-type: none">Developed SustainX an app-based platform that optimizes trash collection process for both customers and collectors.Made use of ML algorithm- ResNet 152 to train model for trash segregation and classification further increasing accuracy by 92% and Project selected for Google Solution Challenge's Regional Bootcamp.Technologies used: Flutter, React, Firebase, Cloud Firestore, Google Maps API, Python, ResNet-152 and Razorpay Pay API and Utilized Figma to craft an aesthetically pleasing user interface for the application.	

Band-O-bast  Github	Nov 2023 - Dec 2023
<ul style="list-style-type: none">Built an IoT-based solution for the Grand Finale of the Smart India Hackathon 2023.Created a wearable device using ESP8266, MAX30100 Pulse Oximeter, LoRa SX1278, and GPS Neo6M to monitor and track over 100 deployed police personnel during Bandobast events.Programmed hardware with Arduino IDE for real-time geo-location updates every 5 seconds to Firebase, ensuring precise tracking.	

Agricultural Equipment's Rental System  Github	Aug 2023 - Nov 2023
<ul style="list-style-type: none">Transformed a solution to improve equipment accessibility for over 200 farmers, transforming the rental process.Owners can add, update, and view equipment details, while an admin dashboard manages 300+ customer records and transactions, leading to a 40% increase in owner sign-ups and improved operational efficiency.Technologies used: HTML, CSS, Bootstrap, PHP, MySQL, Razorpay Pay API and SMTP for sending invoice.	

Achievements

 [Certificates](#)

- Grand Finalist** of **National Smart India Hackthon 2023** organised by **Ministry of Education** and **AICTE**. 
- Secured a **3rd prize** in the **Zonal Level Avishkar-2024 Competition** held at **Rajiv Gandhi College of Engineering Research and Technology (RCERT) Chandrapur**. 

Positions of Responsibility

Google Developer Student Club BITW	Aug 2023 - Aug 2024
<ul style="list-style-type: none">As a Video Editor at GDSC BITW, collaborated with a team of 5+ members to produce over 15 high-quality videos, utilizing advanced editing techniques that increased engagement with club initiatives by 30%.	
Netwon School Coding Club BITW	Jun 2022 - Jul 2023
<ul style="list-style-type: none">Created over 10 detailed project documents and event summaries for NSCC BITW, contributing to a 40% increase in community engagement and helping drive membership growth by 25% through compelling content and well-organized materials.	