

Suraj Dalvi

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Education

PIMPRI CHINCHWAD

COLLEGE OF ENGINEERING

B.Tech - Computer Engineering

📅 12/2021 - Present 📍 Akurdi, Pune

• CGPA: **8.83**

NAV-MAHARASHTRA

VIDYALAYA & JUNIOR COLLEGE

SSC | **HSC** - Science

📅 06/2018 - 03/2021 📍 Pimpri, Pune

• Course: **PCMB**

• SSC: **93.20** | HSC: **91.17**

• MHT-CET: **98.63**

Links

GitHub **Suraj-Encoding**

Linkedin **Encoding**

Leetcode **Incoding**

GFG **Encoding**

Coursework

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Object Oriented Programming
- Database Management System
- Full Stack Web Development
- Operating System
- Computer Network

Skills

PROGRAMMING

• C/C++ • Java • Python • SQL

DEVELOPMENT

• HTML • CSS • JavaScript
• React.JS • Next.JS • Node.JS
• Sanity CMS • AppWrite • Clerk
• Firebase • Supabase
• Bootstrap • Bulma • Tailwind
• Shadcn • Mantine • Radix • Ant

DATABASES

• MongoDB • MySQL • Oracle

TOOLS

• VSCode • Git • Docker • Pieces

Interests

- Exploring my mirror image
- Tech **Leadership**
- Technology blogs and podcasts
- Composite Technology Integration
- Hodophile (Trekking and Travelling)

Projects

IOT-DRIVEN CROP MANAGEMENT

👤 Team - **Major Project** ⚙️ Software + Hardware 🌐 IoT 📄 dev.surajdalvi.me/demo

📅 01/2023 - Present

📍 PCCOE, Pune

- Leveraged state-of-the-art **IoT** technologies such as **NPK** sensors (achieving a **20%** increase in nutrient monitoring accuracy), **Arduino** microcontrollers, and **Raspberry Pi** integration to revolutionize crop management, enhance precision agriculture practices, and optimize resource allocation for maximum yield.
- This initiative yielded an impressive **30%** efficiency surge and a swift remarkable **25%** uptick in yield for agricultural stakeholders.

HEALTH VAULT USING BLOCKCHAIN

👤 Team - **Hackathon** ⚙️ Software 🌐 Health-Vault 📄 health-vault.vercel.app

📅 04/2024 - 04/2024

📍 Nutan, Pune

- Architected a cutting-edge health vault system, leveraging **Next-14**, **Blockchain**, Sanity CMS, Clerk, MetaMask, and MongoDB culminating in a remarkable **30%** bolstering of data security and accessibility.
- Implemented Next-14 for streamlined server-side rendering & flawless user interactions, maximizing performance and accessibility, leading to an impressive **25%** decrease in page load durations.

ACCESSIBLE EDUTECH PLATFORM

👤 Team - **Hackathon** ⚙️ Software 🌐 EduPulse 📄 eduopulse.vercel.app

📅 02/2024 - 02/2024

📍 AISSMS, Pune

- Spearheaded the creation of a revolutionary **EduTech** platform and orchestrated the integration of vanguard technologies like **Next-14**, **YOLOv8** with drowsiness detection, resulting in a formidable **25%** uptick in operational efficiency for student and teacher management.

Certification

- Completed a rigorous **10-week** Android Developer Virtual Internship, accredited by **AICTE**, earning an **E** grade with a **100%** completion rate.

Achievements

- Solved more than **600** problems on **GFG** and **Leetcode**.
- Attained a **5-star HackerRank** rating in C++ and Problem-Solving.
- Achieved a formidable **Leetcode** rating of **1310** with **2 badges** and **100+ problems** conquered.
- Ranked **146** (Institute), **2795** (Overall) with **20+ contests** and **250+ problems** tackled on **GFG**.
- Acquired a novice **CodeChef** rating of **1100** with **1 star** and addressed over **50+** problems.
- Completed over **15+ projects** and participated in **7+ hackathons** and **5+ coding** competitions, with **2 victories**.
- Secured **Rank 1** in the EcoQuiz Competition (Modern, Pune), **Rank 3** in the PCCOE Techfest 2021, and clinched **5th** rank in the CodeCraft coding contest (Walchand, Sangli).

Extra Curricular

- Open-Source Contribution (**Hacktoberfest** 2023)
- Hackathons (**7+**)
- Singing (performed **2** times)
- Poem writing (crafted **15+** poems)