

PAYAL PAWAR

Pune, Maharashtra

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EDUCATION

Pimpri Chinchwad College of Engineering

Computer Engineering – 2022 – *Present*

Percentage: 81%

Sanjay Ghodawat International School

Class 12

Percentage: 95%

Mary Matha School

Class 10 — Center Topper & School Rank 1 Holder

Percentage: 97%

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management Systems (DBMS)
- Software Project Management
- Version Control (Git, GitHub)
- Operating Systems
- Machine Learning
- Agile Methodologies (Scrum, Kanban)
- Programming: Python, C++, C, Java, JavaScript
- Computer Networks
- Object-Oriented Programming (OOP)
- Web Development

PROJECTS

Government Collaboration Platform (SIH 2024 Winning Project) (*Live Demo*) | [MERN Stack](#) Dec 2024

- Government platform for inter-department collaboration and resource sharing.
- **Key Features:** GIS-based data sharing, AI-powered complaint handling, geotagged dispute resolution, task escalation, workflow standardization.

AI Learning Platform (*Live Demo*) | [MERN Stack](#) March 2024

- Socratic-method-based learning platform with AI-driven adaptive education.
- **Key Features:** Interactive discussions, multi-modal content (text, voice, image), performance tracking, scalable architecture.

Brake Failure Prediction System (*Live Demo*) | [Python, ML, DWM](#) July 2024

- ML-powered predictive maintenance for vehicle braking systems.
- **Key Features:** Data mining, anomaly detection, real-time alerts, high-accuracy fault classification.

ACHIEVEMENTS

Smart India Hackathon (SIH) 2024 – National Winner Feb 2024

Project: *Sahakar – Government Collaboration Platform*

- Developed a MERN-stack platform to streamline inter-departmental collaboration.
- Integrated GIS-based data sharing and AI-powered complaint resolution.
- Outperformed over 200 teams in a national-level competition.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, NoSQL

Tools: VS Code, R Studio

Technologies: Linux, Git, React, Node.js, Express.js, MongoDB

Experience

Microsoft Learn Student Chapter - PCCoE — *Event Management Head* Jul 2024 – Present

Organized and managed 10 events, including hackathons and workshops. Successfully led a team of 35 members.

CodeChef PCCoE Chapter — *Event Management Head* Apr 2024 – Dec 2024

Increased student participation to 500+ through well-structured Techroom sessions and competitions.

CERTIFICATIONS

- FULL STACK JAVA DEV: JAVA + JSP + SPRING + BOOT + JS + REACT (Udemy)
- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy)
- Java Programming - Master Java Basics (Udemy)
- Mastering Data Structures Algorithms using C and C++ (Udemy)