

SACHIN YADAV

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About Me

Electronics Engineering student at KC College with a strong interest in Embedded AI, VLSI, and Software Development. Skilled in C++, Python, DSA, SQL, Networking, and AR/VR Game Development, Passionate about integrating AI with hardware and software to develop innovative and efficient solutions.

Education

- 10th Grade – Ideal English School, Maharashtra State Board (2021)
 - 12th Grade – SPDC College, Maharashtra State Board (2023)
 - B.E. Electronics Engineering – Mumbai University (2023 - Present)
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Technical Skills

- **Programming Languages** : Java, Python ,C++
 - **Data Structures & Algorithms**
 - **MERN Stack** : (MongoDB, Express.js, React, Node.js), HTML, CSS, JavaScript
 - **AR/VR Game Developer**
 - **Databases**: SQL , MongoDB
 - **Networking & Security**: Basics of Networking
 - **Development Tools**: Git, Docker, VS Code, AWS
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Projects

Onlinedox: Tax Filing Website

- **Tech Stack**: HTML, CSS, JavaScript, React, Node.js, MongoDB
- Developing a secure tax filing platform with document upload & automated calculations.

GofarmlyConnect: a export and import registration web portal

- **Tech Stack** : MERN STACK & Cloudinary

StudentPortal: a document storage & management portal build for students

- Tech Stack : MERN STACK & Cloudinary
- Developed a document storage & management portal for students and college admins

WordWizz : A Word Puzzle Game

- **Tech Stack** : Java, Swing, MySQL, Dictionary API
- Developed a Wordle-inspired game with real-time feedback & dynamic word generation.

FieldBuddy: SmartCrop Advisor

- **Tech Stack** :Python, PyQt6, MySQL, Weather API, AI Chatbot
- Built a smart farming assistant with AI chatbot & real-time weather insights.

EduGen: AI-Powered Offline MCQ Generator

- Tech Stack: Python, AI-based Processing, PDF Parsing
- Built an offline AI-powered MCQ generator with PDF-based question extraction & answering, ensuring accessibility in remote areas.

Achievement:

Semi-Finalist: *Build With India Hackathon (2025)*

- Worked on a Smart Education solution, integrating AI-powered offline MCQ generation, question-answering, and other capabilities.

Participant - *Smart India Hackathon (2024)*

- Developed Direct Market Access for Farmers app with bidding system, logistics, and multilingual support.

Top 3 Finalist – *Ashwamedh Hackathon 2025*

Built an AI-powered real-time transaction fraud detection system with ML-based anomaly detection and scam call pattern recognition.