

# Akanksha Chougule

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## PROFESSIONAL SUMMARY

Diligent Information Technology Engineering student eager to apply gained knowledge and problem solving skills to tackle tough challenges. A student with strong work ethic, creative mindset, and commitment to teamwork. Eager to advance skills and explore further studies in the Information Technology engineering domain.

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## EDUCATION

- Vidyalankar Institute of Technology | 2023-2027  
BTech in Information Technology  
CGPA:-9.9
- Jawahar Navodaya Vidyalaya (JNV), Palghar(2015-2022)

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## PROJECTS

- **Smart Timetable Generator** | MERN Stack (MongoDB, Express, React, Node.js)  
Developing a smart timetable scheduling system with multi-role access (Admin, Timetable Coordinator, Professor, Student). Designed optimized MongoDB schemas and RESTful APIs for academic entities including courses, subjects, teachers, timeslots, and venues. Implemented automated timetable generation logic to avoid clashes, manage constraints, and provide real-time scheduling updates through a responsive web interface.
- **AI-powered Food Recipe Generator** | HTML, CSS, JavaScript, React, Cohere AI API  
Built a frontend web application that generates personalized recipes using AI based on user-inputted ingredients. Integrated the Cohere AI API for real-time natural languagebased recipe suggestions. Designed a modern, responsive interface with modular React components for better scalability and user experience.
- **SplitEase – Bill Splitting Web App** | Flask, MySQL, HTML/CSS  
Built a full-stack expense-splitting platform with user authentication, dynamic request handling, and transaction history. Designed a structured dashboard with features like bill split by user ID, pending requests, and spending reports.

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## SKILLS

- Programming Languages: Java, Python, C++, JavaScript, C
- Web Development: HTML, CSS, React.js, Node.js, Express.js, Flask ,RestAPIs
- Mobile & App Development: Android (Java)
- AI / ML: Machine Learning, Deep Learning, Model Training & Evaluation
- Databases & Storage: MySQL, Firebase
- Tools: Git, GitHub, VS Code

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## RESEARCH & INNOVATION EXPERIENCE

- **2nd Place – Ideathon**

Vidyalankar Institute of Technology, 2024 Secured second position in a competitive innovation challenge focused on creative problem-solving and technology-driven solutions.

- **TIH – Technology Innovation Hub (Participant) | 2024**

Collaborated on researching and designing a proposed Osteoporosis Management System, strengthening skills in problem-solving, collaboration, and innovative thinking.

- **SIH - Participant | 2025**

Built a working prototype of a Smart Classroom and Timetable Scheduler, demonstrating automation and efficient academic resource management.