

SAKSHI GAPAT

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Profile Summary

Self-Motivated Computer Engineering student with experience in Java and Web development. Proven ability to work on innovative tech projects, including IoT and AI-integrated platforms. Passionate about using technology to solve real-world problems and enhance user experience through scalable and intelligent applications.

Education

B.E. in Computer Engineering Trinity College of Engineering and Research, Pune CGPA:8.38	November 2022 – June 2026
Senior School Certificate Examination (Science Stream) Karmveer Mamasahab Jagdale Mahavidhyalay, Washi Score:61.50%	June 2021 – March 2022
Secondary School Certificate Examination (SSC) SPCK MAIkapur, Karad Score: 90.60%	June 2019 – March 2020

Skills

-**Technical Skills:** Java with OOP | HTML | CSS | JavaScript | DSA with Java | SQL
-**Tools and IDEs :** VS Code | GitHub | Mysql | MongoDB | Postman | Arduino IDE | Raspbian OS
-**Soft Skills:** Teamwork | Problem-solving | Adaptability | Leadership | Communication

Projects

1. Campus Auto Connect

- Built a booking web app for students to hire auto rickshaws to/from campus.
- Technologies Used: **HTML, CSS, JavaScript, Express.js, MongoDB**
- Enabled real-time scheduling and student validation.

2. Mental Health Evaluation Platform

- Built a comprehensive web platform to assess and support student mental health using HTML, CSS & JS.
- AI-driven self-assessment quizzes, chatbot assistance, and personalized recommendations.
- Tech Used: **React.js, React Native, Node.js, Express.js, AI models.**

3. AI Driven Smart Blind Stick

- Built with Raspberry Pi and ESP32-CAM to assist visually impaired users.
- Features: Object recognition, voice output, water detection, and SOS alerts via GPS. Motion detection.
- Achieved **90%+ accuracy** in obstacle detection and recognition.

Internship

Intern – Edunet Foundation(SAP)	January 2025 – April 2025
- Completed training in AI, ML, IoT, and Data Science with hands-on projects.	
- Worked on an IoT-based assistive device and 3+ mini projects in sign analysis and data insights.	
- Gained practical exposure to real-world applications and enhanced technical and communication skills.	

Certifications

- Java Course – Udemy
- IBM Cyber Security Certificate – IBM Skills Builds

Achievements

- **Finalist, Code Unnati Innovation Marathon 3.0** – Selected among **160** projects at the national level and presented at **GTU, Ahmedabad.**
- **Winner**, ISTE Prototype Making Competition.
- **Research Paper Published** – Development of IOT based technology in Healthcare.(IJIRT 2024) . For publishing read 20+ Research Papers.