

KUNAL SONAWANE

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EDUCATION

Master of Computer Applications

Expected 2026

MIT World Peace University (MIT-WPU), Pune

CGPA: 8.09 / 10.00

Bachelor of Science in Computer Science

2021 – 2024

Savitribai Phule Pune University, Pune

CGPA: 8.44 / 10.00

TECHNICAL SKILLS

Languages	Java, Python, JavaScript, PHP
Frameworks	Spring Boot, Hibernate, JSP/Servlets, JUnit
Databases	MySQL, PostgreSQL
Tools	Git, GitHub, Maven, Tomcat, IntelliJ, Eclipse, AWS
Concepts	Data Structures and Algorithms, OOP, RESTful APIs, MVC, DBMS, Microservices, CI/CD

PROJECTS

DevHub – Cloud-Based IDE Platform

Jan 2025 – Apr 2025

Technologies: Java, Spring Boot, MySQL, Judge0 API, Docker

- Developed RESTful backend for user authentication, file management, and code compilation.
- Optimized database storage by 70% via local file system offload; containerized with Docker.

Employee Leave Management System

Aug 2023 – Mar 2024

Technologies: Java, JSP, Servlets, JDBC, MySQL

- Engineered full-stack web app with CRUD, role-based access, and MVC architecture.
- Designed normalized MySQL database (6+ tables); deployed on Tomcat, supporting 100+ users.

Voice-Enabled Shell Companion

Nov 2024 – Dec 2024

Technologies: Python, NLTK, SpeechRecognition, Tkinter

- Built voice-assisted CLI leveraging NLP for command interpretation; achieved 85% accuracy.
- Developed auto-suggestion by parsing 500+ common CLI patterns, enhancing user experience.

AWARDS AND ACHIEVEMENTS

- **Research Paper:** "An IoT-Powered Real-Time Cattle Health Monitoring System" accepted for publication at ICT4SD 2025 (Goa, India);
- Solved 650+ problems on LeetCode, HackerRank, GeeksForGeeks (14+ badges), demonstrating strong problem-solving and algorithmic skills.
- Finalist, Inter-College Hackathon (Surydatta College, Pune, 2025), showcasing innovative solutions under pressure.
- Winner, Inter-Department Coding Contest, KVN College (2022, 2023), highlighting consistent coding proficiency.

LEADERSHIP AND EXTRA-CURRICULARS

- Authored impactful technical content on Medium and LinkedIn, generating over 10,000 impressions by sharing insights on Computer Science topics and student experiences.
- Co-organized biannual community clean-up drives for temples and religious sites, improving hygiene and visitor experience for over 1,000 people, showcasing community engagement and organizational skills.