Yadnyesh Sawant

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Summary

I am a motivated MCA student with a strong foundation in Computer Science, backend development, and modern software tools. I enjoy building efficient systems using Java, Spring Boot, Servlets, and Hibernate, and I have hands-on experience working with APIs, databases, and AI-driven automation. With a background in customer-facing roles and technical projects, I bring a unique mix of communication, problem-solving, and technical capability. I am continuously exploring new technologies—especially AI and web development—and aim to contribute to impactful, real-world projects.

Education

Master of Computer Applications (MCA)   **2025 – 2027**
MIT World Peace University (MIT-WPU), Pune

Bachelor of Science in Computer Science   **2022 – 2025**
KVN Naik College of Arts, Commerce, and Science, Nashik   CGPA: 8.42 / 10

Technical Skills

Languages	Java, Python, C, JavaScript, HTML/CSS, SQL
Frameworks & Libraries	Spring Boot, Hibernate, Servlets, AWT, Swing
Databases	PostgreSQL, MySQL
Developer Tools	Git, GitHub, Postman API, VS Code, IntelliJ IDEA
AI / ML	Prompt Engineering, NLP (Paraphrasing, SQuAD), Hugging Face Transformers
Core Concepts	Data Structures & Algorithms, OOP, RESTful APIs, CRUD Operations, ORM

Projects

Marathi SQuAD Dataset Enhancement Pipeline | *Research Project, Python, NLP, Hugging Face*   2024 – 2025
  – Built an automated pipeline for Marathi question-answering dataset creation for PhD-level NLP research
  – Generated 40,820 questions from 8,281 passages using Facebook M2M100 translation model
  – Applied paraphrasing to increase dataset diversity by 3x for low-resource NLP
  – Designed and documented 14 pre processing stages to improve dataset quality

BOOK-n-JOY: Ticket Booking Platform | *Academic Project, Spring Boot, PostgreSQL*   2024 – 2025
  – Developed full-stack web application using Spring Boot with RESTful APIs
  – Implemented secure authentication, session management, and seat availability tracking
  – Designed responsive frontend integrated with PostgreSQL database

Python Program Executor with Version Control | *Personal Project, Python, Swing, Git*   2024 – 2025
  – Developed GUI-based Python IDE with integrated version control features
  – Implemented file tracking, commit history, and diff visualization
  – Enabled real-time code execution to enhance developer productivity

Certifications

- **Career Essentials in Generative AI** — Microsoft & LinkedIn Learning
- **Postman API Fundamentals Student Expert** — Postman
- **AWS APAC Solutions Architecture Virtual Experience** — Forage
- **Networking Basics** — Cisco NetAcad

Interests

Full-stack development, AI/ML applications, System optimization, Web frameworks, Database architecture, Problem-solving, Open-source contribution, Emerging technologies