Prajwal Jadhav

Pune, India

Email: prajwaljadhav8145@gmail.com - Phone: 8624872191

PROFESSIONAL SUMMARY

Mechatronics Engineer with a minor in Computer Science and currently pursuing PG-DAC. Transitioning from hardware to software with strong fundamentals in Java, C++, backend development, data structures, and web technologies. Hands-on experience in automation, machine learning projects, and full-stack application development. Actively seeking opportunities to grow as a software engineer and contribute to impactful, scalable systems.

TECHNICAL SKILLS

Programming: Java, C++, JavaScript, SQL, C#.
Backend: Spring Boot, REST APIs, Hibernate/JPA, JWT Authentication.
Frontend: ReactJS, React Native, HTML5, CSS3, Bootstrap, Tailwind-CSS
Databases: MySQL, MongoDB.
DevOps & Tools: Git, Postman, Docker, Jenkins (CI/CD), Generative AI
Cloud & Deployment: AWS, Linux.

INTERNSHIPS

- Organizer: **"Interns Elite"** by E-Learning Providers. An online Python coding course designed to facilitate the development of AI bots and related projects

PROJECT

Residentia (PG_Finder):

Tech Stack: React (Vite), Spring Boot, Java, REST APIs, MySQL, Sync-fusion.

- Developed a **role-based PG accommodation platform** for Admin, Owner, and User with secure authentication.
- Built **RESTful APIs using Spring Boot** and integrated them with a React (Vite) frontend.
- Designed a **normalized MySQL database** for users, properties, and booking management.
- Implemented features for **property listing, booking flow, and admin verification** in a scalable architecture.

Hotel_Management:

Tech Stack: Java (J2EE), Java Swing, MySQL

- Developed a **desktop-based hotel management system** using Java Swing for room reservations and customer management.
- Implemented modules for **booking, billing, and service tracking** to streamline hotel operations.
- Designed and integrated a **MySQL database** for storing customer, room, and transaction data.
- Improved **data accuracy and processing speed** through a structured, user-friendly interface.

Diabetes prediction model:

Tech Stack: Python, NumPy & Pandas lib.

- A diabetes prediction model using SVM with Pandas and NumPy is a machine learning approach that classifies whether a patient has diabetes based on medical features like glucose, BMI, and age. The model pre-processes data, trains an SVM classifier, and predicts the risk with about 75-80% accuracy.

EDUCATION

Post Graduate Diploma in Advanced Computing (PG-DAC)   *Aug 2025 – Feb 2026*
Sunbeam Infotech Private Limited, Pune (Authorized Training Centre of C-DAC)

Bachelor of Engineering – Mechatronics Engineering   *Aug 2022 – May 2025*
Rajarambapu Institute of Technology, Islampur

OTHER INFORMATION

EXTRA-CURRICULAR ACTIVITIES:

- **Event head** for the Ekyam Mechatronics Engineering Student Association at RIT.
- Awarded the **Module End Topper in Web-based Java Programming** for the **PG-DAC Aug 2025** batch at Sunbeam Institute of Information Technology.

Technical Certification: Core Java, Python.
LinkedIn: https://www.linkedin.com/in/prajwal-jadhav45
GitHub: https://github.com/Prajwal4581
Languages Known: English, Hindi, Marathi.

I hereby declare that the information given above is true to the best of my Information knowledge belief.