Payal Yadav

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PROFESSIONAL SUMMARY

Motivated and detail-oriented aspiring **Software Engineer** with a strong foundation in **Java and MySQL**, currently expanding expertise in **Advanced Java**. Adept at **problem-solving** with an **analytical approach**, and equipped with **strong communication** and **presentation skills** to effectively collaborate with teams and convey complex technical concepts. Passionate about **continuous learning**, writing **clean and efficient code**, and contributing to **innovative software solutions**.

EDUCATION

Padmabhooshan Vasantdada Patil Institute of Technology   **Pune, Maharashtra**

B.E in Electronics and Telecommunication   *Expected Graduation, July 2025*

CGPA: 9.0

PROJECTS

Online ATM Simulator System
Technologies: **Java, Swing, AWT, MySQL**
IDE: **EclipseIDE**
- Built a **user-friendly ATM simulator** with a graphical interface that replicates real-world banking features like login authentication, balance check, cash withdrawal, deposit, and mini statement generation.
- Designed the interface using **Java Swing and AWT**, ensuring smooth navigation and a responsive user experience with clearly labeled buttons, forms, and messages.
- Connected the application to a **MySQL database** to securely store user details and transaction history, enabling real-time updates and accurate tracking of account activities.
- Emphasized writing **clean, well-structured code** with proper error handling and input validation to make the system reliable, maintainable, and efficient for everyday banking tasks.

Clinic Appointment Scheduler
Technologies**: Java, Swing, JDBC, MySQL**
IDE: Eclipse IDE
- Built a **clinic appointment** scheduling system that allows patients to **book, reschedule, or cancel appointments** with doctors through an interactive and user-friendly Java GUI.
- Designed the interface using **Java Swing**, ensuring smooth navigation with intuitive forms for selecting doctors, dates, and time slots.
- Integrated the system with a **MySQL database** using **JDBC**, enabling secure storage and retrieval of patient details, doctor availability, and appointment records.
- Implemented **input validation and scheduling** logic to prevent overlapping appointments and ensure accurate, conflict-free bookings, while maintaining clean, modular, and maintainable code.

SKILLS

Programming Languages: Java

Web Technologies: HTML, CSS, JavaScript

Database & Tools: MySQL, JDBC, Eclipse IDE

Core Skills: OOPs Concepts, Data Structures, DBMS

Soft Skills: Communication, Analytical Thinking, Presentation Skills

CERTIFICATION

Programming Using Java (Infosys) | [CERTIFICATE](#)

- Successfully completed the **Infosys-certified training on Programming Using Java**, gaining practical experience with object-oriented concepts, exception handling, file operations, and core Java APIs.
- Strengthened foundational and intermediate Java skills by working through real-world problem statements, enhancing code efficiency, readability, and debugging techniques.

Database Management System | [CERTIFICATE](#)

- Completed a certification course in **Database Management Systems**, covering key concepts such as relational models, SQL queries, normalization, indexing, and transaction control.
- Gained hands-on experience in designing and managing databases using **MySQL**, with a focus on efficient data retrieval, integrity constraints, and real-world schema creation.