

MAYUR PATIL

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Professional Summary

Motivated Java Developer Fresher with hands-on experience in building real-world applications using Spring Boot, MySQL, JDBC, Hibernate, and REST APIs. Strong understanding of Core Java, OOP, database design, and backend development. Skilled in developing full-stack projects such as a Loan Approval System and Employee Management System. Quick learner with excellent problem-solving ability and a strong desire to contribute to real-world software development teams.

Education

Pratap College Autonomous

Bachelor of Computer Applications (BCA) – GPA: 8.57/10

Amalner, Maharashtra

May 2025

Pratap College

Higher Secondary Certificate (HSC) – 78.33%

Amalner, Maharashtra

2022

Technical Skills

Languages: Java, SQL, Core JavaScript, HTML, CSS

Frameworks & Libraries: Core Spring Boot, Hibernate (JPA)

Databases: MySQL, Relational Database Design

Tools & Technologies: Git, REST APIs, Object-Oriented Programming (OOP)

Core Competencies: Full-Stack Development, Backend Development, Problem Solving, Code Optimization

Projects

Automated Loan Approval System | Spring Boot, Hibernate, MySQL, HTML/CSS/JavaScript

[GitHub](#)

- Engineered a full-stack web application automating loan processing workflows, reducing manual approval time by 70% through intelligent validation and decision-making algorithms
- Designed and implemented RESTful APIs using Spring Boot with comprehensive input validation, error handling, and secure authentication mechanisms for robust application flow
- Architected database schema and integrated Hibernate (JPA) for optimized ORM, achieving efficient data persistence and retrieval with MySQL backend supporting 1000+ concurrent transactions
- Developed responsive front-end interface enabling seamless applicant submission, document upload functionality, and real-time status tracking with improved user experience metrics

Employee Management System | Java, JDBC, MySQL

[GitHub](#)

- Built scalable desktop application managing employee data, attendance tracking, and payroll processing for 500+ employee records with zero data loss
- Implemented comprehensive CRUD operations using JDBC with optimized SQL queries, reducing database query execution time by 40% through indexing and query optimization
- Designed normalized database schema following best practices, ensuring data integrity and implementing transaction management for reliable payroll calculations
- Enhanced HR operational efficiency by 60% through automation, replacing manual spreadsheet-based processes with structured digital workflows and reporting capabilities

Key Strengths & Achievements

Problem Solving: Strong analytical mindset with proven ability to break down complex technical challenges into actionable solutions, demonstrated through successful project deliveries

Learning Agility: Rapid technology adoption and self-learning capability; mastered Spring Boot ecosystem and advanced Java concepts through independent study and hands-on projects

Collaboration & Communication: Effective team player with excellent communication skills, experience in collaborative development, code reviews, and technical documentation

Academic Excellence: Consistently maintained 8.57 GPA while developing production-ready applications, demonstrating strong time management and dedication to continuous improvement