

Piyush Bisen

Java Backend Developer

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SUMMARY

Java Backend Developer with strong fundamentals in Core Java and hands-on experience building backend services using Spring Boot, REST APIs, Spring Security, and MySQL. Experienced in implementing JWT-based authentication, role-based access control (RBAC), and clean layered architecture. Actively strengthening backend system design, API development, and problem-solving skills for SDE-1 roles.

EDUCATION

B.Tech in Computer Science

SATI Engineering College Oct 2022 – May 2026
CGPA: 7.4

Higher Secondary Education

Govt. Excellence School June 2020 – May 2022
Percentage: 68%

Secondary Education

Govt. Excellence School June 2018 – May 2020
Percentage: 90%

EXPERIENCE

Internship - Program Tactics SATI Vidisha

Role – Programming Intern 12/2023 – 01/2024

- Enhanced programming logic and problem-solving skills through 50+ structured coding exercises.
- Strengthened understanding of data structures, algorithms, and clean coding practices, applying them in real-time projects.
- Practiced writing modular and efficient code, improving debugging efficiency by 20%.

SKILLS

Languages: JAVA, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, Bootstrap, Spring Boot, REST APIs, Spring MVC, Spring JPA, Spring Security

Developer Tools: VS Code, IntelliJ, Eclipse, Git, Github, Maven

Relevant Coursework: DSA, OS, DBMS, CN, SDLC, OPPs

CERTIFICATIONS

- Mastering Data Structure and Algorithms – Sheryians
- Java Programming – Sheryians
- Software Engineering Job Simulation - JP Morgan Chase Co

INTEREST

- Cricket

PROJECTS

Banking System

Jan 2025

Technologies: Java, Spring Boot, Microservices, MySQL, JWT

- Engineered a secure financial transaction system leveraging **Spring Boot microservices** and **Spring Data JPA** for scalable backend operations.
- Integrated **Spring Security with JWT** and Role-Based Access Control (RBAC) to ensure enterprise-grade security and stateless authentication.
- Architected a **microservices-based backend** to enable fault isolation and independent service deployment, improving system availability.
- Optimized database performance through **query tuning and pagination strategies**, while implementing centralized global exception handling for robust error management.

E-Commerce Backend Platform

Jan 2026

Technologies: Spring Boot, Microservices, REST APIs, JPA

- Delivered a **full-stack e-commerce platform** with end-to-end order flow, supporting product discovery, cart management, and secure checkout.
- Designed and implemented **RESTful microservices** with a focus on clean architecture to ensure high maintainability and data consistency.
- Applied **Microservices-oriented design** to decouple services like user management and order processing, enhancing system scalability.
- Integrated **JWT-based authorization** via Spring Security to protect sensitive admin operations and user account data.

Train Booking App

Jun 2025

Technologies: Core Java, JDBC, MySQL, OOPs

- Built a console-based train reservation system using **Core Java, JDBC**, and **MySQL** for efficient CRUD operations.
- Applied **SOLID OOP principles** and Java Collections to design a modular and transaction-safe architecture.
- Designed relational schemas to manage users, trains, and real-time seat availability.