

# 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.