Ayush Bhardwaj

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SUMMARY

Computer Science graduate with hands-on experience developing **backend microservices** using **Java**, **Spring Boot**, and **Spring Cloud**. Eager to contribute to **scalable systems** and grow within a **high-performing engineering team**.

INTERNSHIP EXPERIENCE

Java Developer Intern   02/2025 – 06/2025
PixoSpace   Jaipur, India

- Built and tested **RESTful APIs** using **Postman** and **JUnit**, enabling faster feature rollouts.
- Optimized **backend modules** and **MySQL** queries, reducing API response time by **20%**.
- Contributed to **Low-Level Design (LLD)** and **High-Level Design (HLD)** discussions to enhance system **architecture** and **scalability**.

EDUCATION

JECRC University, Jaipur | **B.Tech** in **Computer Science Engineering** | CGPA: **8.0**   2021 – 2025
Maheshwari Public School, Ajmer | Senior Secondary | Aggregate: **92%**   2020 – 2021
Maheshwari Public School, Ajmer | Secondary | Aggregate: **93%**   2018 – 2019

CERTIFICATIONS

Scaler Academy: Advanced DSA | Computer Systems and Fundamentals | Low-Level Design (LLD)
                            High-Level Design (HLD) | Backend Development

PROJECTS

E-Commerce Application - *Java & Spring Boot Backend Project*, PixoSpace Link   Jaipur

- Developed **microservices** for Product, Authentication, and Payment modules using **Java**, **Spring Boot**, and **Spring Cloud**, following the **Model-View-Controller (MVC)** design pattern.
- Built secure **REST APIs** with **JWT-based authentication**, **role-based access**, and **API Gateway routing**, enabling scalable, asynchronous communication via **Spring Kafka**.
- Wrote SQL queries for **MySQL**, tested APIs using **Postman**, implemented **unit tests**, and contributed to **LLD** and **HLD** discussions to strengthen architectural understanding.

BookMyShow Clone – *Core Java, MVC Architecture* Link

- Built a **movie booking system** with user registration, show scheduling, and seat reservation.
- Designed the application using the **MVC** pattern to separate concerns and improve code readability.
- Wrote modular, reusable backend logic using **Object-Oriented Programming (OOP) principles** without relying on external frameworks.

Splitwise Clone – *Core Java, MVC Architecture* Link

- Built an **expense-sharing system** with user management, group tracking, and consistency checks.
- Applied the **MVC** pattern for modular structure and organized codebase.
- Wrote clean **backend logic** using core **OOP concepts**, focused on **clarity** and **maintainability** without external libraries.

SKILLS

Programming Languages: Java
Databases: MySQL
Frameworks and Libraries: Spring Boot, Spring Security (JWT, OAuth2.0), Spring Data JPA, Spring Cloud, Hibernate, Spring Kafka
Development Tools: Git, Postman, Maven(basic), Docker (basic), Kubernetes(basic)
AI Tools & Assistants: ChatGPT, Github Copilot, Gemini AI, Perplexity AI, Cursor IDE
Core Concepts: REST APIs, OOP, Microservices Development, System Design, Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Agile Methodologies