ASHUTOSH AYUSH

ashutoshworks.in

Backend Developer | Java • Spring Boot • REST APIs • MySQL • Microservices

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PROFESSIONAL SUMMARY

Results-driven Backend Developer and MCA final-year student (LNCT 2026) with hands-on experience building scalable RESTful APIs, relational database schemas, and enterprise-grade backend systems. Interned at JPMorgan Chase & Co. on financial technology problem statements involving system design and backend architecture. Proficient in Java, Spring Boot, JDBC, and MySQL with working knowledge of microservices design patterns, secure authentication, and full SDLC. Oracle Cloud and JPMorgan certified. Selected for Backend Developer role by Sonata Software (Microsoft Gold Partner). Seeking a backend engineering position at a high-growth technology company to deliver robust, production-ready software.

TECHNICAL SKILLS

Languages: Java (Core Java, Java 8 — Streams, Lambdas, Optional, Collections Framework)
Backend & Frameworks: Spring Boot, Spring MVC, REST API Design, JDBC, Servlets, Session-based Authentication, JWT (learning), Microservices Architecture (learning)
Databases: MySQL (schema design, normalization, complex queries, indexing), Firebase, MongoDB (basic)
Frontend: HTML5, CSS3, JavaScript, Tailwind CSS
Tools & Platforms: Git, GitHub, Postman (API testing), XAMPP, IntelliJ IDEA, VS Code, Oracle Cloud
Core Concepts: OOP, Data Structures & Algorithms, SDLC, Agile Methodology, API Integration, Database Normalization, Version Control

PROFESSIONAL EXPERIENCE

Software Engineering Virtual Intern | **JPMorgan Chase & Co.** | *2025*

- Engineered solutions to real-world fintech problem statements involving backend system design, data analysis, and software engineering principles at enterprise scale.
- Gained deep exposure to large-scale banking platform architecture patterns including distributed system design, API design, and secure data handling.
- Completed structured modules on backend architecture, data pipelines, and software best practices used in production-grade financial systems.

Software Development Intern | **Elite Tech (Elite Techno Groups)** | *2025*

- Developed and deployed dynamic full-stack web applications using PHP, MySQL, HTML, CSS, and JavaScript; implemented complete CRUD operations, session-based authentication, and input validation.
- Designed and optimized relational database schemas to support application features, ensuring data integrity and query performance.
- Collaborated in a 4-member Agile development team following full SDLC — from requirements gathering and system design through testing and deployment under senior mentorship.
- Wrote clean, modular, maintainable backend code adhering to industry coding standards and code review practices.

PROJECTS

Pizza Mania — Desktop Food Ordering Application — *Core Java • Java Swing • JDBC • MySQL*

- Designed and built a fully functional desktop application with modules for menu management, shopping cart, billing engine, and order history — demonstrating end-to-end backend logic in Java.
- Integrated JDBC with MySQL for persistent data storage; implemented efficient querying using Java Collections (ArrayList, HashMap) for in-memory state management.
- Applied core OOP principles — Inheritance, Encapsulation, Polymorphism, and Abstraction — resulting in a modular, maintainable, and extensible codebase.

Tasty Tiffin Service — Full-Stack Food Delivery Platform — *Spring Boot • React.js • Tailwind CSS • MySQL*

- Built a production-style full-stack food delivery application featuring user registration/login, menu browsing, cart management, payment flow simulation, and live delivery tracking.
- Designed a normalized relational database schema (users, orders, order_items, menu_categories) enforcing referential integrity and supporting complex JOIN queries.
- Developed RESTful backend APIs consumed by a React.js frontend; implemented secure session management and applied responsive UI with Tailwind CSS.

EDUCATION

Master of Computer Applications (MCA) | CGPA: 7.73 | Lakshmi Narain College of Technology (LNCT), Bhopal | 2024 – 2026
Bachelor of Science — Information Technology | CGPA: 7.1 | Marwari College | 2021 – 2024

CERTIFICATIONS

- Oracle Cloud Database Certification — Oracle (2025)
- Software Engineering Virtual Experience Program — JPMorgan Chase & Co. (2025)
- Forward Programme Certification — McKinsey & Company (2025)

ACHIEVEMENTS

- Selected by Sonata Software (Microsoft Gold Partner) as a Backend Developer from LNCT 2026 placement batch — recognised among top engineering talent.
- Participated in college-level hackathons and competitive coding events; consistently recognised for project design quality during academic evaluations.

AREAS OF INTEREST

Backend Engineering • Microservices Architecture • Cloud Computing (AWS / GCP) • System Design • Data Structures & Algorithms • Distributed Systems • API Security