

AKSHITA GUPTA

Java Backend Developer | Spring Boot | MySQL | REST APIs
Master of Computer Application

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OBJECTIVE

Passionate Java Backend Developer with hands-on experience in Spring Boot, REST APIs, and MySQL. Seeking to contribute to scalable enterprise applications while expanding skills in cloud technologies and modern development practices.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C, C++
- Frameworks & Libraries:** Spring Boot, Spring Security, Spring MVC, Hibernate, JPA
- Web Technologies:** HTML, CSS, RESTful APIs
- Databases:** MySQL, JDBC
- Tools & IDEs:** Eclipse, IntelliJ IDEA, Git, GitHub, AWS (EC2, S3), Postman
- Architecture & Concepts:** Object-Oriented Programming (OOP), MVC, Software Development Life Cycle (SDLC)

EXPERIENCE

• Creative IT Solutions Pvt. Ltd.

Jan 2025 – May 2025

Java Backend Intern

- Built and deployed a full-stack Employee Management System using Spring Boot, Spring Security, JPA, and Hibernate, streamlining HR operations and improving efficiency.
- Implemented secure CRUD APIs with authentication and role-based access control using JWT and Spring Security filters.
- Designed responsive and accessible UI with **HTML, CSS, and Thymeleaf**, ensuring cross-browser compatibility and improved usability.
- Integrated **Spring Data JPA** with **MySQL** to enable efficient database interaction and optimized query performance.
- Applied **MVC architecture** and layered code structure for maintainability, modularity, and scalability of backend services.
- Documented development workflow and implemented comprehensive **exception handling**, input validation, and secure data processing.

PROJECTS

• Employee Management System

(Java, Spring Boot, Spring Security, REST APIs, MySQL)

- Developed a **full-stack CRUD application** using **Spring Boot and MySQL** to automate employee data storage and management.
- Implemented **secure REST APIs** with **Spring Security + JWT**, ensuring role-based access control and safe authentication.
- Applied **Spring Data JPA + Hibernate** for efficient ORM, and optimized SQL queries to improve performance.
- Used **@ControllerAdvice for global exception handling** and **Spring Boot Actuator** for monitoring and debugging APIs.
- Skills Used:** Java, Spring Boot, Spring Security, JWT, REST APIs, Hibernate, MySQL, Postman

• Student Management System

(Java, Spring Boot, Spring Security, REST APIs, MySQL)

- Built a **backend-driven CRUD application** with **Spring Boot + MySQL**, providing secure and scalable data persistence.
- Implemented **JWT-based authentication and RBAC**, applying layered architecture for maintainability.
- Enhanced reliability using **input validation, global exception handling**, and modular design principles.
- Integrated **Spring Data JPA + Hibernate** with Postman testing to validate endpoints and database interaction.
- Skills Used:** Java, Spring Boot, Spring Security, JWT, REST APIs, JPA, Hibernate, MySQL, Postman

• Student Result Management System

(Java, Swing, JDBC, MySQL)

- Designed a standalone **Java Swing application** to automate result processing, reducing manual workload in academic institutions.
- Integrated **JDBC with MySQL** for persistent and secure database storage, enabling complete CRUD operations.
- Implemented **RBAC and input validation** to ensure accuracy and secure access for different users.
- Applied comprehensive **exception handling** to improve stability and deliver a seamless user experience.
- Skills Used:** Java, JDBC, MySQL, Java Swing, RBAC, Exception Handling

EDUCATION

MCA – Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (SVVV)

2023–2025

B.Sc. (Computer Science) – Govt. Holkar Science College, Indore (DAVV)

2020–2023

12th – Datahari Public School, Kukshi (Dhar), MP Board

2019–2020