

Mohit Sahu

mohitsahuimp@gmail.com | +91 9834367563

[linkedin.com/mohit-sahu](https://www.linkedin.com/in/mohit-sahu) | github.com/mohit12141 | [leetcode/mohit1412](https://leetcode.com/mohit1412)

PROFESSIONAL SUMMARY

Highly motivated Backend Developer with 1+ years of experience in designing and developing scalable RESTful APIs using Java and Spring Boot. Proven ability to optimize database performance with Spring Data JPA and MySQL, reducing query times by up to 40%. Adept at implementing clean architecture, design patterns (DAO, DTO, Service), and test-driven development using JUnit. Demonstrated success in cross-functional Agile teams with a strong focus on code quality and cloud fundamentals (Azure, GCP). Seeking to contribute backend expertise to impactful, performance-driven projects.

SKILLS

Backend - Java (Core & Advanced), Spring Boot, Spring Data JPA, Spring MVC, Spring Security, Hibernate, RESTful APIs, Node.js, JUnit

Database - MySQL, PostgreSQL, MongoDB (Basics), SQL

Cloud & DevOps - Microsoft Azure (Fundamentals), GCP (Basics), Git, GitHub, Docker, CI/CD (Basics)

Design & Architecture - MVC, DAO, DTO, Service Layer, Dependency Injection, Exception Handling, Clean Architecture, Pagination & Sorting

Tools & Collaboration - Postman, JIRA, Confluence, Maven, Gradle, IntelliJ IDEA, VS Code

Frontend - HTML, CSS, JavaScript, ReactJS (Basics)

WORK EXPERIENCE

Systems Engineer

June 2023 - Present

Tata Consultancy Services | Pune, India

- Developed and maintained scalable, reliable backend applications using Spring Boot framework.
- Designed and implemented RESTful APIs for efficient frontend-backend communication.
- Engineered data access layer with Spring Data JPA, reducing query response time by 40% while handling 500,000+ records.
- Conducted unit testing and debugging with JUnit to ensure software quality and stability.
- Created and enforced a code quality checklist, increasing team compliance by 50%, improving project predictability and reducing rework.
- Researched and integrated advanced Spring Boot technologies, enhancing application performance by 30% and boosting development efficiency.

PROJECT

Student Management System (Git hub)

- Constructed efficient RESTful API endpoints within the student management system using Spring Boot framework; streamlined processes led to an increase in response time efficiency of more than 25%.
- Engineered a robust StudentController component that streamlined operations by processing up to 200 concurrent API calls seamlessly, enhancing overall service responsiveness while managing critical business logic through integrated services.
- Enhanced application performance by integrating robust request body parsing with the @RequestBody annotation; ensured reliable conversion for more than 800 individual student records during testing phases.

Blog Application (Git Hub)

- Designed RESTful API endpoints for Blog Application for Post and comment on post using SpringBoot.
- Used MySQL for backend for CRUD operations on Post and Comment. Each Post has a separate comment list.
- Used Design Patterns such as DTO, DAO and Service for maintainability and ease of changeability of code.
- Used PostMan for testing of the API. Handled server error code such as 500 using custom exception, handled validation errors. Implemented Pagination and sorting.

EDUCATION

Bachelor of Engineering (BE) - Computer Science

Nov 2020 - May 2023

Shri Ramdeobaba College of Engineering and Management(Nagpur)

CGPA - 9.61

Diploma in Computer Engineering

July 2017 - May 2020

Government Polytechnic, Nagpur (India)

Percentage - 94.6%

CERTIFICATION

Microsoft Azure Fundamentals AZ-900

[View](#)

Microsoft Data Fundamentals DP-900

[View](#)

Salesforce Certified Data Cloud Consultant

[View](#)

Microsoft AI Fundamentals AI-900

[View](#)

Salesforce Certified AI Associate

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