

SAURABH SARASWAT

Backend Developer — Java — Spring Boot — Microservices

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Professional Summary

Backend Developer with hands-on experience in building scalable backend systems using Java, Spring Boot, REST APIs, and MySQL. Strong foundation in Data Structures and Algorithms, microservices architecture, and cloud fundamentals (AWS and Azure). Demonstrated expertise through 2500+ GitHub commits and 150+ LeetCode problem solutions.

Professional Experience

Software Engineer

Capgemini

August 2025 – Present

Bengaluru, India

- Developing backend modules using Java 17, Spring Boot, and microservice architecture for enterprise applications
- Optimizing REST APIs through performance tuning, reducing latency by improving request/response flow patterns
- Implementing database solutions with MySQL, JPA/Hibernate for efficient data persistence and retrieval
- Collaborating with cross-functional teams in Agile environment for seamless deployment and production support

Software Engineering Intern

Capgemini

May 2025 – July 2025

Bengaluru, India

- Built RESTful backend services using Spring Boot MVC architecture following industry best practices
- Developed comprehensive unit tests using JUnit and Maven to ensure code quality and API reliability
- Gained hands-on experience in debugging production issues and implementing cloud deployment strategies
- Strengthened understanding of Object-Oriented Programming principles and clean code architecture

Technical Skills

Programming Languages: Java, C++ (NPTEL Certified), Python (Beginner)

Backend Technologies: Spring Boot, Spring Cloud, Microservices, REST APIs, JWT, Hibernate/JPA

Databases: MySQL, MongoDB, PostgreSQL, Redis

Frontend Technologies: HTML, CSS, JavaScript, React.js, Flutter

Cloud & DevOps: AWS Lambda, AWS EC2, Docker, Kubernetes

Tools: Git/GitHub, Maven, Gradle, IntelliJ IDEA, VS Code, Postman

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, System Design, Microservices Architecture

Projects

RailConnect – Railway Reservation System | Java, Spring Boot, MySQL, Microservices



- Architected microservice-based system with 5 core services (User, Train, Ticket) ensuring scalability and modularity
- Implemented inter-service communication using Feign Clients for seamless REST-based interactions
- Designed efficient MySQL schema for relational data management and optimized query performance

ChalakSaathi – Vehicle Assistance Platform | Android, Redis, AWS Lambda, Java



- Built reliable vehicle assistance application with real-time location tracking and emergency support features
- Utilized Redis for caching and AWS Lambda for serverless backend processing ensuring scalability
- Implemented secure authentication and session management for enhanced user data protection

BLearn – Gym Management Application | Flutter, MongoDB, AWS Lambda, JWT



- Developed cross-platform gym management app with membership plans, user authentication, and activity logging
- Designed NoSQL database schema in MongoDB for flexible data management and rapid feature iteration
- Implemented JWT-based authentication and biometric security for enhanced user access control

Go OOT Core – Video Management System | Flutter, MongoDB, GraphQL, Java, GDrive APIs



- Built video streaming server and client application with cloud storage integration using Google Drive APIs
- Developed RESTful and GraphQL APIs for efficient video metadata management and content delivery
- Implemented scalable architecture supporting concurrent video uploads and streaming operations

Achievements

- Solved 150+ problems on LeetCode with maximum 50-day streak badge - leetcode.com/u/saurabh45215
- Earned 5-star Gold Badge for C++ programming on HackerRank - hackerrank.com/profile/saurabh45215
- Solved 80+ competitive programming questions on CodeChef - codechef.com/users/saurabhs45215
- Contributed 2500+ commits across repositories on GitHub - github.com/ss0809
- Hacktoberfest 2023 Contributor (Levels 0-4 completed)

Education

Technocrats Institute of Technology

Bachelor of Technology in Computer Science Engineering – CGPA: 8.02/10.0

November 2021 – August 2025

Bhopal, India

Oxford Higher Secondary School

Senior Secondary (12th) - Physics, Chemistry, Mathematics – 85.00%

2021

Sehore, India

Certifications

- Microsoft Certified: Azure AI Fundamentals (Capgemini)
- Introduction to Generative AI (Google)
- Introduction to Large Language Models (Google)
- Responsive AI (Google)
- Ocean L1 Grade A4 (Capgemini)
- Google Foundations of Cybersecurity
- Postman API Fundamentals Student Expert
- NPTEL Certification in C++ Programming