

Sourabh Singh Mandloi

 Sourabh Singh Mandloi  sourabhsingh88  sourabhsinghmandloi122@gmail.com  +919755826293

SUMMARY

Computer Science Engineer skilled in **Java, Python, FastAPI, and SQL** for building scalable **backend services** and **RESTful APIs**. Experienced in developing high-performance systems using **Spring Boot, Hibernate, and MySQL**. Hands-on with the **Software Development Life Cycle (SDLC)** and basic **DevOps** practices. Strong problem-solver with solid foundations in **DSA, OOPs, microservices, system architecture**, and familiar with basic **testing** and **debugging** workflows.

EDUCATION

Institute of Engineering And Science , Indore <i>B.Tech., AIML (Minor in Computer Science and Engineering) (CGPA: 6.8/10)</i>	July 2022 - June 2026 Indore, MP
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SKILLS

Programming Languages: Java, SQL, Python, JavaScript(basic)

Tools: Git/GitHub, Postman, Maven, Docker(basic), IntelliJ IDEA

Databases: MySQL

Frameworks: FastAPI, Spring Boot, Hibernate

Concepts: REST APIs, SDLC, Microservices, OOP, DSA

Methodologies: Agile, CI/CD, Software Testing (Basic)

EXPERIENCE

WebSeeder Technologies Software Developer Intern	Jun 2025 – Sep 2025 Indore, MP
<ul style="list-style-type: none">Developed backend APIs using Python, FastAPI, and Flask for automation and data processing.Integrated services with MetaTrader5 and optimized application performance and workflow automation.Worked with MySQL, SQL queries, Docker, and Git to build scalable, production-ready components.Collaborated with the team to follow SDLC best practices and deliver reliable backend features.	

ACADEMIC PROJECTS

Trip Planner Spring Boot, Angular, MySQL	Jan 2025 - Mar 2025
<ul style="list-style-type: none">Built a full-stack trip management system with role-based access (Admin, Planner, User).Developed 10+ Spring Boot REST APIs, improving data handling speed by 30% through optimized JPA/Hibernate queries.Implemented status management (Continue/Discontinue) with real-time UI sync and 10+ Angular components for better UX.Designed a normalized MySQL database (20+ tables) ensuring reliable data integrity and efficient relational mapping.Followed SDLC best practices and integrated testing for high maintainability and scalability.	

Automated Trading Platform Python, FastAPI, MySQL, Pydantic	Jun 2025 – Sep 2025
<ul style="list-style-type: none">Developed scalable backend APIs using FastAPI for strategy execution, account handling, and analytics.Implemented automation logic for trade execution and custom strategies, improving reliability and reducing manual effort.Performed backtesting on historical market data, achieving 25–30% improved returns over baseline strategies.Built MySQL database modules for handling user data and wishlist management with optimized CRUD operations.Optimized API throughput and architecture to support 10,000+ simulated requests/day.	

ACHIEVEMENTS

Cognitive Classes - SQL and Relational Databases	May 2025
Oracle - Cloud Database Services 2025 Certified Professional	Sept 2025
NVIDIA - Introduction to Transformer-Based Natural Language Processing	Sept 2025
Postman - Postman Api Fundamentals Student Expert	Oct 2025