

PROFESSIONAL SUMMARY

Java Backend Engineer specializing in Java, Spring Boot, and REST APIs, with experience building scalable backend systems and improving application performance. Skilled in collaborating with cross-functional teams and working with CI/CD and cloud technologies.

EDUCATION

- **Chandigarh University** Aug 2024 – Present
MBA (General) with IT, Data Science, and AI Pursuing
- **Chandigarh University** Aug 2019 – Jun 2023
B.Tech in Computer Science and Engineering CGPA: 7.3
- **Kendriya Vidyalaya AFS, Jorhat** 2019
Higher Secondary Certificate (HSC) CGPA: 7.77
- **Kendriya Vidyalaya No. 3, Patiala Cantt** 2017
Secondary School Certificate (SSC) CGPA: 9.4

EXPERIENCE

- **JIO Platforms Limited** Oct 2023 – Present
 - Engineered and maintained scalable backend services using **Java, Spring Boot, and REST APIs**, supporting enterprise-level applications and high-availability systems.
 - Designed and developed a real-time **Defect Dashboard (React)**, reducing defect triage time by **35%** and improving visibility of production issues across engineering teams.
 - Built automated data analysis pipelines using **Python** and **Jupyter Notebook** to analyze large volumes of production defect data, accelerating root-cause analysis by **40%**.
 - Delivered continuous backend enhancements and critical production fixes, improving application stability and reducing recurring defects by **25%**.
 - Collaborated with **PMO, QA, SIT, and DevOps teams** to streamline release cycles, prioritize high-impact defects, and ensure on-time delivery of production releases.
 - Automated build and deployment workflows using **Git, Maven, Docker, and CI/CD pipelines**, contributing to faster and more reliable deployments.
 - Identified and optimized performance bottlenecks in backend components, improving system responsiveness and reliability.

INTERNSHIP

- **HighRadius Technologies** Jan 2022 – Oct 2022
 - Developed backend automation workflows using **Java and Python** to streamline enterprise financial processes and reduce manual effort.
 - Designed and implemented **RESTful APIs** with secure database integration and transaction management using **MySQL**.
 - Worked in Agile teams, leveraging **Git, CI pipelines, and code reviews** to ensure high-quality and maintainable code.

PROJECTS

- **Student Information Management System** Java, JDBC, MySQL, Swing
 - Designed and developed a centralized system to manage student records, attendance, academic performance, and financial data using **Java, JDBC, and MySQL**.
 - Implemented role-based authentication and optimized SQL queries, improving system performance and data integrity.
- **Face Detection Management System** Python, NumPy, Pandas
 - Developed a machine learning-based face detection system for identity recognition using Python.
 - Trained models on diverse image datasets to improve detection accuracy under varying lighting and facial conditions.
 - Performed feature extraction, model optimization, and technical documentation for end-to-end implementation.

SKILLS

Programming Languages: Java, Python, SQL

Backend & Frameworks: Spring Boot, Spring MVC, REST APIs, SOAP APIs, Microservices

Databases: MySQL, Neo4j

DevOps & Tools: Git, Docker, Maven, CI/CD, Linux

Cloud Platforms: Microsoft Azure, Google Cloud

Core Concepts: OOP, Data Structures, System Design, Distributed Systems

CERTIFICATIONS

1. Jio Certified Google Cloud Platform Professional
2. DevOps Foundations (LinkedIn)
3. Prompt Engineering (GenAI)
4. Oracle Java: Getting Started
5. Python (University of Michigan)