

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

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)