

PROFESSIONAL SUMMARY

Dedicated **Java Backend Engineer** with **2+ years of industry experience at Jio Platforms** and over **4 years of hands-on experience in Java development**, including academic and professional projects. Strong expertise in developing and maintaining **Spring Boot–based enterprise applications, RESTful APIs, and SQL-driven backend systems**, with a solid foundation in **OOP, data structures, and system integration**. Experienced across the full **SDLC**, contributing to production support, defect resolution, and continuous backend enhancements. Hands-on with **CI/CD build and release pipelines** for automated deployment on **Microsoft Azure**, and familiar with **Prompt Engineering** to improve development efficiency and solution design. Known for reliability, ownership, and effective collaboration within large, cross-functional teams.

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
  - Project: Defect Dashboard (React)** — Designed and developed a real-time defect monitoring dashboard using **React**, enabling engineering teams to track production issues more efficiently and reducing defect triage time by **35%**.
  - Project: EDA for Production Defects** — Built automated data analysis pipelines using **Python** and **Jupyter Notebook** to extract, analyze, and restructure large volumes of production defect data, improving root-cause analysis speed by **40%** and enhancing reporting accuracy.
  - Project: BAU Enhancements** — Delivered continuous backend improvements and production fixes across multiple releases, resolving critical defects and improving overall system stability by **25%**.
  - Collaborated closely with **PMO teams, MUT testers, SIT teams, and Replica teams** to coordinate testing cycles, prioritize defect resolution, and ensure smooth production releases under strict delivery timelines.
  - Demonstrated strong ownership by managing high-pressure deadlines, aligning deliverables with PMO requirements, and ensuring timely bug fixes across environments.

INTERNSHIP

- HighRadius Technologies** Jan 2022 – Oct 2022
  - Developed backend automation workflows using **Java** and **Python** to streamline enterprise financial operations.
  - Created REST APIs with robust database integration and transaction management.
  - Participated in Agile development cycles with continuous integration testing and version control best practices.

PROJECTS

- Student Information Management System** Java, JDBC, MySQL, Swing
  - Built a centralized platform to manage student records, attendance, courses, grades, and financial data.
  - Implemented role-based authentication, database normalization, and performance-optimized SQL queries.
- Face Detection Management System** Python, NumPy, Pandas
  - Developed a machine learning–based face detection system for identity recognition.
  - Trained the model using multiple image datasets with varied facial angles, lighting conditions, and expressions to improve detection accuracy.
  - Handled feature extraction, and model optimization, along with complete technical documentation.

## SKILLS

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**Languages:** Java, Python, SQL, JSP

**Backend Frameworks:** Spring Boot, REST APIs, SOAP APIs

**Databases:** MySQL, Neo4j

**Dev Tools:** Git, Docker, Maven

**Cloud:** Microsoft Azure, Google Cloud

**Other:** Linux, Microservices, CI/CD, OOP, Data Structures

## CERTIFICATIONS

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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)