

Nitin Singh Samant

Portfolio | LinkedIn | GitHub

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PROFESSIONAL SUMMARY

Results-driven **Java Backend Engineer** with expertise in designing and developing scalable **Spring Boot microservices**, RESTful APIs, and enterprise backend systems. Strong foundation in **object-oriented programming**, data structures, SQL optimization, and system integration. Hands-on experience with CI/CD pipelines, containerization, and cloud deployment on **Microsoft Azure**. Adept at delivering high-performance, reliable, and maintainable software solutions.

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
– 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.	
• Online Examination System	Java, JSP, Servlets, MySQL
– Developed a secure web-based examination platform with timed assessments and automated evaluation.	
– Designed dynamic reporting modules for performance analysis and academic insights.	
• Hospital Management System	Java, JDBC, MySQL, JavaFX
– Engineered a complete hospital operations system for patient management, scheduling, billing, and medical records.	
– Improved data consistency through transactional processing and modular service architecture.	

SKILLS

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

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)