NITIN KUMAR

Java Developer · Cloud & Microservices · Agile Engineering

+91 7500850578 | New Delhi, India | nitinanswer1@gmail.com | linkedin.com/in/nitinkumardagur | github.com/nitin-dagur

Professional Summary

Forward-thinking Software Engineer with hands-on experience in Java, Spring Boot, and microservices-based application development. Strong understanding of SDLC, Agile methodologies, and modern development practices including CI/CD, REST APIs, and cloud deployment (AWS fundamentals). Experienced in building scalable backend systems, optimizing performance, and collaborating within cross-functional engineering teams. Passionate about leveraging automation and cloud-native architectures to build reliable, high-performance applications.

Education

B.Tech in Computer Science and Engineering — Vellore Institute of Technology   Sept 2022 – May 2026 — CGPA: **8.79/10**

Technical Skills

Programming	Java (JDK 8+), JavaScript, SQL
Backend	Spring Boot, REST APIs, Microservices, SOA Concepts
Frontend	HTML, JavaScript, Bootstrap
Cloud	AWS Fundamentals (EC2, S3), Cloud Deployment Basics
DevOps	Git/GitHub, Maven, CI/CD Basics
Databases	MySQL, MongoDB, Query Optimization
Testing	JUnit (unit testing), API Testing (Postman)
Agile Tools	GitHub, Basic JIRA exposure

Software Engineering Experience

VChat – Microservices-Based Messaging System — *Spring Boot, WebSockets, MySQL*   2025

- Designed and developed RESTful microservices using Spring Boot following modular architecture.
- Implemented concurrent session handling and optimized backend performance achieving 99.8% uptime.
- Applied JUnit-based unit testing to validate service logic and improve code reliability.
- Used Git for version control and collaborated in Agile sprint cycles.

VShare – Cloud-Ready File Sharing Platform — *Node.js, MongoDB, AWS Basics*   2025

- Built scalable backend services with REST APIs supporting concurrent users.
- Reduced backend latency by 35% through query optimization and indexing strategies.
- Designed system modules and contributed to release documentation and code reviews.
- Followed CI/CD principles and automated deployment workflows.

Audio-to-Text Transcription System — *Spring Boot, SQL*   2025

- Engineered backend services integrating third-party APIs with efficient request handling.
- Optimized SQL queries improving response latency to sub-50ms across 50+ sessions.
- Applied structured logging and performance benchmarking for reliability improvements.

Certifications & Achievements

- Oracle Java Foundation Associate — 94%.
- HackerRank MySQL (Intermediate).
- Solved 250+ Data Structures & Algorithms problems.
- Led a 5-member team using Agile-based task planning and milestone tracking.

Leadership & Activities

- Participated in Agile-based development cycles with sprint planning and reviews.
- Core Member – Pi Mathematics Club (2023–2025).
- Volunteer – National Service Scheme.