

Nilesh Patil

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Summary

Backend-focused **Java Developer** with 4+ years of experience designing and scaling cloud-based applications using **Java, Spring Boot, and AWS**. Adept at building secure microservices that process high transaction volumes, integrating CI/CD pipelines, and collaborating in **Agile** teams to deliver business-critical software solutions efficiently.

Skills

Programming Java

Frameworks Spring Boot, Spring MVC, Spring Security, JPA, Hibernate, Kafka

Databases MySQL, DynamoDB

Testing JUnit, Mockito

DevOps/Tools Git, Docker, Jenkins, Swagger, Postman, SonarQube

Cloud AWS (EC2, S3, API Gateway, AWSLambda, CloudFormation)

Methodologies Microservices, RESTful APIs, Agile/Scrum

Experience

Capgemini

July 2025 – Present

Software Engineer

- Building enterprise-level backend solutions using Java, Spring Boot, and microservices architecture.
- Developed internal modules with Spring Security, JWT, and Spring Data JPA for secure data handling.
- Improved cloud reliability by integrating AWS services (AWS Lambda, API Gateway, S3, EC2) with cloud-native design principles.
- Streamlined deployments with Docker and Jenkins, reducing setup time by 40%.
- Actively participated in Agile ceremonies, code reviews, and cross-team collaboration.
- Implemented a simple AI-powered chat application as a learning project, integrating Spring Boot with Spring AI to connect with OpenAI APIs.
- Designed RESTful APIs to handle user messages and return dynamic AI-generated responses in real time.

Calsoft Pvt Ltd

Jun 2021 – July 2025

Development Engineer

- Developed and maintained key backend modules for a multi-tenant SaaS web application focused on data backup and recovery.
- Implemented user management features, including registration, role-based access control, and authentication using Spring Security with JWT.
- Designed and developed credit card billing flows and payment-related REST APIs, ensuring secure and compliant data handling.
- Integrated Chargebee APIs to automate invoicing and manage subscription details for individual users and MSPs, improving billing accuracy.
- Utilized Spring Data JPA with MySQL and DynamoDB for data persistence across multiple tenants.
- Improved API performance by 20% via code optimization and database tuning.
- Automated billing workflows using Chargebee SDK, increasing operational efficiency.
- Reduced deployment time by implementing CI/CD pipelines with Docker and Jenkins.
- Independently implemented 50% of report generation using JasperSoft Studio.
- Worked with AWS services including Lambda, S3, EC2, API Gateway, and CloudFormation to deploy and manage cloud-based microservices, enhancing scalability and reliability.
- Took initiative to automate infrastructure setup using AWS CloudFormation templates, ensuring consistent and repeatable cloud deployments.
- Collaborated with frontend and QA teams to ensure seamless API integration, end-to-end testing, and functionality validation.
- Leveraged Git for version control and Docker with Jenkins for continuous integration, reducing deployment time and improving team efficiency.
- Participated in Agile ceremonies (daily stand-ups, sprint planning, retrospectives) within a cross-functional team of 25+ members to drive project progress.

Education

North Maharashtra University, Jalgaon

Bachelor of Engineering in Computer Science

CGPA: 7.10

Certifications & Awards

- **Rising Star Award** – Calsoft Pvt Ltd (2022)
- Certificate – Object-Oriented Programming Basics to Advanced (Java OOP), Udemy (Nov 2023)
- Certificate - Ocean Java Cloud Native L1 Certified, Capgemini (Oct 2025)

Language Proficiency

- **English:** Fluent (Professional communication)
- **Marathi:** Native proficiency
- **Hindi:** Fluent (Reading, writing, speaking)