

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

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

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

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

Databases MySQL, DynamoDB

Methodologies Microservices, RESTful APIs, Agile/Scrum

Testing JUnit, Mockito

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)