

DNYANESH AGALE

Backend Developer | Software Developer (Java, Spring Boot, REST APIs)

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Portfolio: dnyaneshagale.github.io/dnyanesh-portfolio

Technical Skills

Languages: Java

Frameworks : Spring, Spring Boot

Databases: PostgreSQL, MySQL

Tools & Tech: Maven, Git, Postman, JWT

Other: Data Structures and Algorithms, REST APIs

Projects

Inventory Management System

Aug 2025 – Present

- Developed a multi-warehouse inventory management system using Java, Spring Boot, and PostgreSQL, resulting in 40% faster stock tracking and real-time reporting.
- Implemented a role-based authentication and SKU tracking, improving data accuracy and security.

Videoprocessor API

Jul 2025

- Developed a scalable video processing API using Spring Boot, Cloudflare R2, and AWS SDK, resulting in secure video uploads and optimized HLS streaming.
- Designed asynchronous video conversion with ThreadPoolTaskExecutor, reducing server load by 30%.

College Event Management System

May 2025 – Jun 2025

- Built a role-based event management platform using Java, Spring Boot, and PostgreSQL, resulting in streamlined registrations and secure access for students, faculty, and admins.

Experience

Java Spring Boot Developer

Genzopia Solutions LLP | Jan 2025 – Jun 2025

- Developed REST APIs using Java and Spring Boot to manage game metadata, resulting in faster and more reliable data handling for 1000+ entries.
- Secured backend services with Spring Security and JWT tokens, improving data protection and authentication reliability.
- Built an admin backend dashboard for content moderation and data monitoring, streamlining workflows for internal teams.

Achievements

- LeetCode:** Solved 180+ problems including 90+ Medium-level questions.
- GeeksforGeeks:** 3-Star Coder with 500+ points and 100+ problem submissions.

Education

Bachelor of Engineering (B.E.) in Electronics and Telecommunication

PCET's Nutan Maharashtra Institute of Engineering and Technology, Pune

Savitribai Phule Pune University (SPPU)

Expected Graduation: Jun 2027