DNYANESH AGALE

Java Backend Developer | Spring Boot | PostgreSQL
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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
August 2025 – Present | GitHub
- Developed a comprehensive Inventory Management System enabling businesses to track and optimize inventory across multiple warehouses, implement batch tracking, and generate real-time stock reports.
- Implemented role-based security, multi-warehouse inventory transfer capabilities, advanced product tracking with SKU/barcode support, and expiry date management with reporting analytics.
- **Tech Stack:** Java, Spring Boot, PostgreSQL, Spring Security with JWT, Maven, RESTful API architecture following industry best practices

Videoprocessor
July 2025 | GitHub
- Developed a scalable Video Processing API using Spring Boot, enabling secure upload and conversion of videos to HLS format for optimized streaming.
- Implemented JWT authentication with role-based access control for secure endpoints, and leveraged Cloudflare R2 for cloud storage of video assets.
- Designed an asynchronous processing architecture using Spring's ThreadPoolTaskExecutor to handle concurrent video conversions with real-time status tracking.
- **Tech Stack**: Java, Spring Boot, Spring Security, JWT, Cloudflare R2, AWS SDK, HLS, RESTful API, Asynchronous Processing

College Event Management System
May 2025 –June 2025 | GitHub
- Built a role-based event management platform for admin, faculty, and students.
- Secured APIs using Spring Security and JWT.
- **Tech Stack:** Java, Spring Boot 3, PostgreSQL, JWT, Spring Security, Postman, Git

Experience

Java Spring Boot Developer
Genzopia Solutions LLP | Jan 2025 – Present
- Developed REST APIs to manage game metadata (entries, reels, upload status, developer profiles).
- Secured backend services using Spring Security with JWT tokens.
- Built admin backend for content moderation and data monitoring.

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 in Electronics and Telecommunications
Nutan Maharashtra Institute of Engineering and Technology, Pune
Expected Graduation: June 2027