

# Liviu Ionuț Turiac

Java Backend Developer

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## SUMMARY

Backend engineer with 5+ years building secure, scalable Java / Spring Boot systems for enterprise, government and fintech clients, covering architecture, database design, deployment and production support. Comfortable across the stack: Next.js front-ends, Jasper reporting, Quartz automation and PostgreSQL/Oracle/MS-SQL tuning, with growing exposure to Kafka and RabbitMQ.

## EXPERIENCE

### Owner & Full-Stack Developer

2024 to Present

*Digital NEST SRL*

- Architect and ship Spring Boot services for business-critical SaaS covering order processing, inventory, logistics and workflow automation, backed by PostgreSQL with Liquibase migrations and Docker-ised deployments.
- Implemented OAuth2 authentication, fine-grained authorization, API security layers and third-party integrations to keep operations dependable and compliant.
- On EuroLife, built the Next.js front-end against the Spring Boot APIs: pixel-faithful Figma implementation back-to-back with the UX/UI designer, design-token system, reusable component primitives and full responsiveness.
- Use Claude Code for research and refactors to accelerate exploration of unfamiliar areas and keep larger code reorganisations safe and reviewable.

### Java Backend Developer

2021 to 2024

*Ascentix Data SRL*

- Designed scalable backend systems on Java, Spring Boot, Spring Security, JPA/Hibernate and PostgreSQL supporting complex enterprise operations.
- Architected relational schemas, optimized SQL and applied SOLID/DRY/KISS for modular, production-ready code; used MapStruct, Liquibase, Quartz and Swagger/OpenAPI to streamline delivery.
- Owned the full SDLC: architecture, implementation, migrations, testing (JUnit, Mockito, JMeter), deployment, monitoring and continuous optimization.
- Studied distributed-systems patterns alongside a senior engineer on an in-house product, building working knowledge of Kafka and RabbitMQ for asynchronous integrations and event-driven flows.

## NOTABLE PROJECTS

### Document Management System

File storage, retrieval and digital-certificate signing; heavy processing in PostgreSQL stored procedures; hierarchical role/privilege model, file-modification audit, notifications and mail integration.

### Insurance Company

Built the Next.js front-end from scratch with the UX/UI designer, implementing Figma designs pixel-faithfully. Established a design-token system, reusable component primitives and full responsiveness and accessibility. Deployed on Vercel.

### County Council Digitalization Website

Highlights from the digitalization backend: Quartz-driven job automation, digital-certificate verification, stored-procedure and query/index optimization, schema and view design. Also contributed business logic, integrated supporting libraries and authored end-user and client documentation.

### Credit Application

Contributed across the Java / Spring Boot backend: specification, implementation, testing, deployment and documentation, helping in every aspect of delivery.

### Government Naval Department Backoffice

Authored Jasper Studio reports, built JSP/Struts pages and features, supported database management and data normalization.

### Accounting Organization Website

Implemented every security layer: role and privilege model mapped per page and action, audit trails, structured logging and rate limiting, with careful per-route analysis of who is allowed to do what. Shipped new features in Laravel / PHP and debugged Redis cache issues directly on the Kubernetes cluster over SSH.

## TECHNICAL SKILLS

Languages	Java, SQL, JavaScript / TypeScript, PHP
Backend	Spring Boot, Spring Security, JPA / Hibernate, MapStruct, Liquibase, Quartz, Swagger / OpenAPI, OAuth2, Laravel
Front-end	Next.js, React, JSP / Struts, Figma (working knowledge)
Data	PostgreSQL, Oracle, MySQL, SQL Server, Redis, Jasper Studio
Messaging	Apache Kafka, RabbitMQ (working knowledge)
Testing	JUnit, Mockito, JMeter
DevOps	Docker, Kubernetes, Maven, Gradle, Git
Tooling	Postman, DBaver, PuTTY / SSH, Claude Code