

ANASTASIOS MICHAILIDIS

Junior Backend Developer · Java / Spring Boot

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SUMMARY

Junior backend developer focused on Java and Spring Boot, with recent full-stack training through AUEB's Coding Factory and ongoing hands-on development of Merimna, a full-stack platform for supported living services.

Transitioning from 10+ years in music education, bringing consistency, clear communication, and a methodical approach developed through years of teaching. Seeking a backend development role where I can contribute to Java-based applications, collaborate across technical and client-facing teams, and continue growing as a software engineer.

TECHNICAL SKILLS

Languages: Java, SQL

Backend: Spring Boot, Spring Security, Spring Data JPA, Hibernate, REST APIs, JWT Authentication

Database & Data Access: PostgreSQL, Flyway, JPA Specifications

Testing: JUnit, Mockito

Tools: Git, Maven, Docker, Postman

Frontend: TypeScript, React, Vite, Tailwind CSS

PROJECTS

Merimna — Supported Living Operations Platform

Personal Full-Stack Project · Feb 2026 – Present

Live: merimna.care · **Repo:** github.com/amichailides/merimna

Built Merimna as a full-stack platform for disability supported-living facilities, turning scattered spreadsheets and manual tracking into a structured internal system for daily care operations.

- **REST API:** Built a Spring Boot backend with 61 endpoints covering authentication, employee management, assignments, temporary placements, and activity history, documented with OpenAPI.
- **Security:** Implemented JWT authentication with refresh-token rotation, reuse detection, and revocation, plus role-based access control (RBAC) with Spring Security and custom house-unit data scoping.
- **Business Rules:** Enforced lifecycle and validation rules for employees, assignments, and temporary placements, including cancellation, termination, reactivation, overlap prevention, date-range validation, and active-assignment checks.
- **Audit Trail:** Designed and implemented an event-driven audit system that records committed operational changes with structured events and field-level diffs.
- **Testing:** Wrote 84 JUnit/Mockito tests covering access control, validation rules, lifecycle flows, and service behavior.
- **Frontend & Deployment:** Built the React/TypeScript admin interface and containerized the application with Docker.

Stack: Java 21 · Spring Boot 4 · Spring Security 7 · PostgreSQL · Flyway · REST APIs · JUnit · Mockito · React · TypeScript · Docker

EDUCATION

AUEB — Coding Factory

Full-Stack Software Development Bootcamp | Oct 2025 – Jun 2026

Technological Educational Institute of Crete

Coursework in Applied Informatics | Sep 2006 – Dec 2012

EXPERIENCE

Music Teacher — National Conservatory of Music & Modern Music Studios 2014 – 2026

- Designed individualized learning plans for students aged 6–50, adapting lessons to different goals, skill levels, and learning styles.
- Guided long-term student progress through structured practice plans, feedback loops, and consistent follow-up.
- Explained complex musical and technical concepts in clear, practical terms, adapting communication and feedback to different levels of experience.

Reserve Officer – IT Corps — Hellenic Army 2013 – 2014

- Supported daily IT operations for ~30 brigade staff members and performed periodic system/account checks across multiple units.

LANGUAGES

Greek (Native) · English (Fluent)