PANTELEIMON ZARAKIS

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SUMMARY

Computer, Informatics & Telecommunications Engineering student at International Hellenic University. Focused on Java backend and full-stack development with Spring Boot, PostgreSQL, REST APIs and React/TypeScript. Practical testing, Git and Docker experience; seeking junior Java backend or full-stack opportunities.

EDUCATION

Computer, Informatics & Telecommunications Engineering · 2023–2028 (in progress)
International Hellenic University (IHU), Serres

TECHNICAL SKILLS

Languages, Data & Systems: Java, Python, C, C++, SQL, PostgreSQL, MySQL, Microsoft Access, Linux, Windows
Backend: Spring Boot, REST APIs, Spring Security, Apache Kafka
Frontend & CMS: React, TypeScript, HTML/CSS basics, WordPress
Tools: Git, Docker, JUnit, GitHub Actions, Selenium, Qt (PySide6), MATLAB, IntelliJ IDEA, Visual Studio
Design & Production: CorelDRAW, LightBurn (CNC/Laser workflows)
Certifications: Cambridge C2 Proficiency (CPE) & B2 First (FCE) · Cisco Networking Academy Learn-A-Thon 2024

PROJECT EXPERIENCE

Issunexa — Full-Stack Help-Desk Application · *Java 21* · GitHub · Live demo
- Spring Boot REST APIs, PostgreSQL and React/TypeScript; session authentication, CSRF, authorization and transactional workflows. Automated backend, frontend and browser tests; deployed HTTPS demo

Warexis — Event-Driven Java Platform · *Java* · GitHub
- Spring Boot order, inventory and fulfillment services with Kafka and PostgreSQL; transactional outboxes, idempotency and failure recovery. Keycloak, local Docker deployment and integration tests

CyberRef — Cybersecurity Analysis Tool · *Python* · GitHub
- PySide6 desktop URL analysis tool using the VirusTotal REST API, with input validation and result views

Hamter — Instagram Follower Comparison · *Python* · *Selenium* · GitHub
- Python/Selenium follower comparison: legacy Windows GUI; current Arch Linux CLI with manual browser control

GreekWordle — Terminal Word Game · *C++* · GitHub
- Led a 3-person university team; designed core architecture, input validation and Greek-word game flow

Necrosis — Text-Adventure Engine · *Java* · GitHub
- Reusable text-adventure engine with JSON game data, extensible commands, save/load and Swing UI

ADDITIONAL EXPERIENCE

Web Development & CMS
- Designed, built and maintain two WordPress sites: autokollises.gr and zarakis.gr
- Covers full workflow: domain setup, theme customization, plugins, and content management

Graphic Design & Production (zarakis.gr)
- Professional CorelDRAW usage in a real-world signage and printing business context
- LightBurn experience for CNC/laser design and production workflows

CORE STRENGTHS

- Merged Java fixes and tests in Higher-Kinded-J and Checkstyle; completed personal projects
- Practical work across software development, automation, design and deployment
- Experience adapting to different tools, languages and frameworks
- Strong English communication skills (Cambridge C2 Proficiency)