

DIMITRIOS KYRIAKIDIS

Software Developer

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• Leshemstown, Drumree, Co.Meath, Ireland

Summary

Experienced **Software Developer** with expertise in **software engineering, back-end development** and **database management**. Proficient in **Scala v3, Java/Spring Boot, C++**, and **Oracle PL/SQL**, with advanced capabilities in **Oracle packages**. Known for a **strong emphasis** on **design patterns**, leveraging them to significantly enhance **code quality, performance**, and **maintainability**. Proven track record in developing **robust solutions, managing complex projects**, and driving **optimization** and **efficiency**.

Skills

Java • Spring Boot • Oracle PL/SQL • Scala • C • C++ • C# • Git • React.js • Java • Javascript • JQuery • Jsp • Jsx • MySQL • Postgres • Rest • Thymeleaf • Unix • WebSockets • Xml • Html5 Canvas

Work Experience

Hellenic Ministry of Public Order and Citizen Protection	Athens - Greece
Software Developer	11/2020 - present
<ul style="list-style-type: none">Design Patterns Implementation: Employed design patterns to significantly boost code quality, performance, and maintainability in various projects, ensuring robust and scalable solutions.Enhanced Team Collaboration: Streamlined code integration and project management by effectively utilizing Git commands and version control practices, fostering seamless team collaboration and efficient development workflows.Legacy System Maintenance: Upgraded and sustained legacy web APIs developed with JSP (JavaServer Pages) and JSX, ensuring continued functionality and compliance with modern standards for federal office needs.Designed and managed Oracle database schemas, leveraging PL/SQL and packages to ensure efficient data management and integrity, particularly for expenditure and staff payments, ensuring accuracy and compliance with organizational financial processes and regulations.Process Automation: Automated financial payment processes using Unix scripts, improving accuracy and adherence to disbursement schedules.Led the development of new projects utilizing Spring Boot for backend functionality and Thymeleaf for frontend presentation, creating robust and user-friendly web applications.Provided advanced service desk support for self-developed programs, diagnosing and resolving escalated incidents from other support lines, across role-driven projects tailored to specific specifications.Low-Latency Data Export: Leveraged OpenMP in C programming to implement multithreading, driving a 60% boost in data export performance for .dat files, thereby significantly enhancing system efficiency and reducing latency.Standards Committee for the Competition for the Greek Police and Ministry of Citizen Protection Websites:<ul style="list-style-type: none">a. Member of the standards committee for the competition to revamp the Greek police website (www.astynomia.gr) and the citizen protection website (www.minocp.gov.gr).b. Collaborated with team members to define competition criteria and evaluate submissions.c. Ensured compliance with industry standards for website accessibility, security, and user experience.Enrolled as a police officer, serving diligently by upholding law and order, and ensuring the safety and security of the community for several years until transitioning to a software development role. Selected for this transition due to strong IT skills.	

Education

University College Dublin	Dublin - Ireland
Master of Science - MSc	Present
<ul style="list-style-type: none">(Pursuing remotely) Master's degree in Advanced Software Engineering - Expected Graduation: July 2026	
International University of Greece	Thessaloniki - Greece
Bachelor of Science	07/2024
<ul style="list-style-type: none">Bachelor's degree in Computer Engineering	

Additional Information

Language Skills	Open Source Contributions	Personal Information
Greek: Native proficiency English: Full professional proficiency	Contributed as a web developer for Browser IO Game, focusing on developing and maintaining a popular gaming interface for Agar.io on GitHub (github.com/jimboy3100). Achieved a peak of 800 daily active users , facilitating an engaging experience for a community of 150,000 users over six years	Dual citizen of Greece and the United States, currently residing in Ireland