

Ioannis Charitos

Senior Software Engineer | Java & .NET | System Architecture

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SUMMARY

Software architect and engineer with 10+ years building mission-critical systems for government and enterprise. As a core developer in the EUIPO ecosystem (via Altia-Unisys), I help build the EU intellectual-property platform used by national IP offices across Europe — from building the new Front Office v3 from scratch to country implementations for Greece and Austria. Alongside this, through my consulting venture JNS Software House, I led the architecture and delivery of the system that routes 200,000+ outbound social-security payments per month through Greece's DIAS interbank settlement network. Deep expertise in Java EE / Spring Boot and the .NET stack, full-stack across modern JavaScript (ReactJS, AngularJS), with a track record of owning architecture end-to-end and keeping it stable in production.

EXPERIENCE

Java Software Engineer · ALTIA - UNISYS - Deployed Developer @ EUIPO

▶ Jan 2021 – Present · Athens, Greece

- ▶ Core developer in the EUIPO intellectual-property platform team, building systems used by national IP offices across the EU.
- ▶ Spent ~4 months on the shared EUIPO core, on the front line building the new Front Office v3 from scratch — the platform national offices across Europe build on. Currently implementing and maintaining the Austrian IP system.
- ▶ Delivered the Greek implementation, through which every trademark, logo, and design filing made in Greece is processed — as one of two developers in Greece, backed by the wider EUIPO team.
- ▶ Modernize legacy Java enterprise applications (Java EE → Spring Boot); diagnose and resolve production incidents across multiple microservices and environments.
- ▶ Author SFAD and technical documentation; collaborate directly with EUIPO and OBI stakeholders to align technical solutions; own CI/CD pipelines and JIRA tracking.
- ▶ Tech: Java EE, Spring Boot, Hibernate, REST APIs, MySQL, Oracle DB, MongoDB, Maven, WildFly, Tomcat, Mule ESB, Elasticsearch, Linux.

Co-Founder & Technical Lead · JNS Software House [jnssoftware.com](https://www.jnssoftware.com)

▶ Jul 2025 – Present · Athens, Greece

- ▶ Run JNS as a consulting venture alongside my primary role — taking on a selective number of engagements where I own architecture and technical direction while my team executes delivery, giving clients senior judgment with the continuity of a team.
- ▶ Technical lead and architect on the IDIKA (Greek e-Governance for Social Security) payments programme: defined the architecture and led delivery of the system routing 200,000+ outbound payment transactions per month through the DIAS interbank settlement network — live in production since November 2025, running every monthly settlement cycle end-to-end.
- ▶ Directing the IDIKA → e-EFKA (national social-security fund) data-migration pipeline — mission-critical public-sector data transfer at national scale, in active delivery.
- ▶ Define end-to-end SDLC standards: backend architecture, CI/CD pipelines, secure cloud deployments, code quality, and production support.

Full Stack Developer & Team Lead · Test Computers

▸ Jan 2018 – Dec 2020 · Athens, Greece

- Led backend development using C#, .NET Core (2.2 / 3.1 / 5.0) and MySQL for government platforms.
- Designed and deployed web applications with AngularJS frontends.
- Managed production deployments, updates, and long-term maintenance for municipal and ministry systems.
- Delivered key projects — Digital Requests, Membro, and OPSPA — now in active public use.
- Focused on backend integration and support for EUIPO systems using Java and Spring MVC.
- Oversaw server administration, deployments, and end-user support for large-scale applications.

Co-Founder & Technical Lead · CodeDux

▸ Jan 2017 – Dec 2024 · Athens, Greece

- Co-founded and ran CodeDux as a side venture alongside my main role — a software company delivering custom ERP integrations and solutions for SMEs.
- Led a team of 3 developers in designing and deploying ERP connectors and integration systems.
- Architected and built the commercial ERP Connector product — at peak 10+ SME clients processing 20,000+ orders/month under subscription.
- Managed client relations, project scoping, and delivery, ensuring repeat business and satisfaction.
- Oversaw end-to-end product development — from requirements gathering to deployment and support.

WordPress & WooCommerce Developer · GNC Web & New Media

▸ Mar 2014 – Mar 2017 · Athens, Greece

- Developed custom websites and e-shops using WordPress and WooCommerce.
- Created mock-ups and client proposals, aligning technical solutions with business goals.
- Delivered SEO optimization, technical support, and client training post-deployment.
- Customized front- and back-end code using HTML, CSS, PHP, and MySQL.
- Managed SSL integration, hosting setup, and site migrations.
- Designed marketing materials and visuals using Photoshop and GIMP.

SELECTED PROJECTS

ERP Connector [↗ erpconnector.gr](https://erpconnector.gr)

CodeDux · 2017 – 2024

Architected and shipped a commercial WordPress / WooCommerce plugin that synchronises products, inventory, customers, and pricing between EnterSoft / Softone / MegaSoft ERPs and WooCommerce storefronts. PHP backend with a custom MySQL schema and a ReactJS admin UI; integrates with ERPs via direct DB connections or REST APIs. Cut typical integration time from 1–2 months to 2–3 days. At peak served 10+ SME clients processing 20,000+ orders per month, sold under monthly and annual subscriptions. Owned end-to-end: architecture, development, deployment, and 365-day customer support.

Tech · PHP, ReactJS, WordPress / WooCommerce, MySQL, REST APIs, EnterSoft / Softone / MegaSoft integrations

SKILLS

Languages

Java C# JavaScript TypeScript PHP SQL Python

Backend

Java EE Spring Boot Hibernate REST APIs .NET Core (2.2 / 3.1 / 5.0) PHP
Mule ESB

Frontend

AngularJS ReactJS HTML5 CSS3 WordPress WooCommerce

Databases

MySQL Oracle DB MongoDB ElasticSearch

DevOps & Tools

Git / GitHub / GitLab

Docker

Jenkins

Maven

CI/CD

Linux

JIRA

Confluence

Application Servers

WildFly

Tomcat

Practices

Agile / Scrum

end-to-end SDLC ownership

code review

mentoring

technical documentation

EDUCATION

BSc in Computer Information Systems

Piraeus University of Applied Sciences (PUAS) – now University of West Attica

2011 – 2017 · Athens, Greece

Focus · Software and applications development, database and network design and administration, information and communication technologies.

CERTIFICATIONS & AFFILIATIONS

iCert

2026 – Present

Scientific Examination Committee · Question Bank Author

Scientific examination committee member for iCert's certification programmes. Author original question banks and review existing exam content across multiple domains — including cybersecurity, programming fundamentals, and algorithms — ensuring question quality, accuracy, and alignment with each programme's certification standards.

University of West Attica

2024

Certified Mentor

Formal mentoring credential issued by the University of West Attica. Mentor software engineers on code-review practice, technical growth, and career development.

LANGUAGES

Greek

Native

English

C2 (Proficient — Listening, Reading, Speaking, Writing)