Athanasios Emmanouilidis

Senior Software Engineer /
.NET Specialist

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Summary

Senior Software Engineer with 12+ years of experience across the full development lifecycle. Specialist in the Microsoft C#/.NET stack, building web and desktop applications, APIs, and commercial systems. Currently providing expertise for the financial services sector, following 4 years at Intelligen. An Open Source contributor and Cybersecurity enthusiast dedicated to clean code, testing and secure, scalable, observable, resilient, and maintainable software.

Working Experience

Recent Professional Experience (2017 – Present)

Senior Software Engineer / .NET Specialist @ Communication & Information Technologies Experts– Cite | January 2025 – Present
Engineering robust Cloud-Native backend web applications for the financial sector using .NET 8 / Azure, emphasizing clean code, testing, security, scalability, observability, resiliency, and maintainability.

Senior Software Engineer / .NET Specialist @ Intelligen | January 2021 – November 2024
Development of a Cloud-Native greenfield web application using .NET 6, Domain-Driven Design (DDD), CQRS, MediatR, Asynchronous Messaging, gRPC and ensuring a scalable, maintainable codebase. Cybersecurity Pentesting and automated CI/CD pipelines (Docker/Jenkins). Authored Unit and Integration tests ensuring logic correctness and system stability.
Core Maintainer of SchedulePro: Key contributor to the maintenance and feature expansion of a complex manufacturing scheduling application (C++/MFC and .NET/C#/WinForms/WPF).

Senior Software Engineer / Front End Developer @ Logismico | August 2020 – January 2021
Developed a greenfield insurance web application using React.js; successfully launched to production.

Senior Software Engineer / Tech Lead @ Grekodom | August 2018 - July 2020
Strategic re-development/refactoring of company's web infrastructure architecture.
Website redesign and Performance improvement of DB queries times under a second.
Wrote website integration tests using Selenium ensuring end-to-end correctness.
Solely responsible for Porting and Refactoring of a Real Estate application from Ruby to C#.
Created internal tooling and contributed to technical recruitment; led and mentored junior developers.

.NET Developer @ Coderfish | July 2017 – July 2018
Solely responsible for Development of a desktop application for pharmacies using .NET 4 / C# /

WinForms, DevExpress controls. Development of a companion data scraper using Selenium, ensuring the accurate extraction and synchronization of pharmacy data into the core application.

Earlier Career History (2007 – 2012)
PHP & Full-Stack Developer | Freelance & ITCreations (Founder)
Developed a greenfield web application for municipal government and websites/e-commerce platforms using PHP/PostgreSQL. Implemented successful SEO/SEM strategies; achieved top Google rankings for competitive keywords, significantly increasing organic traffic and visibility for clients.

Selected Projects

[SchedulePro: a Desktop application for scheduling manufacturing processes](#)
[Grekodom Development: a Real Estate company website](#)
Own projects:
[PGPKeygenerator.com - Open Source, free, online and secure PGP key generator.](#)
[Quiz Θρησκευτικών: an Android quiz game about Orthodoxy (religion)](#)
[Betterread: a Google Chrome extension for better website reading experience](#)

Skills

Back-End	**Architecture:** Clean Architecture, Vertical Slice, DDD, CQRS, MediatR, RabbitMQ, SOLID, DRY, Design Patterns, Agile, DevOps, Cybersecurity.	
	Back-End & Data: .NET 4 MVC / .NET 6/ .NET 8/ .NET 10 using C#, Web API, Entity Framework, EFCore, MSSQL, MySQL, PostgreSQL, Swagger, Postman.	
	Desktop Development: .NET, WinForms, WPF and C#.	
	Testing: xUnit, Selenium (E2E), TestContainers, Integration Testing.	
Front-End	HTML5, CSS3, JavaScript, jQuery, Bootstrap, Responsive Web Design, React.	
DevOps	Linux, Git, Docker / Docker-Compose, Jenkins, Amazon AWS (EC2, S3, ECR, ECS), Azure (Azure DevOps, Web Apps, Application Insights).	
AI Assisted Development	Claude Code, Gemini Code Assist, Gemini CLI, GitHub Copilot.	

Education	**CITY College, International Faculty of The University of Sheffield Bachelor of Science (BSc) Honours in Computer Science** - 2008
Languages	Greek (ILR Level 5 – Native or bilingual proficiency)
	English (ILR Level 3 – Professional working proficiency)