Christoforos Sidiropoulos

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Sofware Engineer with 8+ years delivering ERP and government-sector systems. Proven ability to refactor monolithic WinForms-VB.NET systems into modular Blazor architectures, **optimize critical workloads (up to 70% faster)** and implement full-stack observability (centralized logging, ELK). Experienced in mentoring developers, leading debugging workflows and delivering stable applications effectively using **GitHub Copilot** AI-assisted development. Strong in **C#, OOP, .NET 8/9, Blazor, REST APIs, SQL/T-SQL, DDD**

Professional Experience

2026 April – Present: Freelance Software Engineer

- Architected cloud-ready aggregation services and high-performance REST APIs leveraging DDD, delivering ELK-powered observability, log correlation, error tracking, and ReactJS (Vite, TanStack Query) applications

2025 July – 2026 April: MAINSYS - Full Stack Engineer (Erp Government sector System)

- Delivered mission-critical government-sector features **meeting all milestone targets in high-pressure** strict public-sector deadlines, while **managing direct client communications for seamless implementation**.
- Elevated application stability and code quality by **leading structured debugging sessions** and mentoring junior developers through pair programming across multiple core modules.
- Applied **OWASP practices on REST APIs**, including **BCrypt** password hashing, authorization controls and **sensitive-data masking**.

2024 Sept – 2025 Feb: FLEETWORK - Full Stack Engineer (Erp Blazor System for Shipping Industry)

- **Boosted** cloud ERP application **performance by 80%+**, slash-cutting query execution times **from ~30 seconds down to 2-3** seconds via advanced **LINQ refinement, server-side pagination**.
- **Established a centralized exception logging pipeline** and Blazor Error Boundaries**, exposing previously uncaught client-side runtime errors to achieve 100% observability across modules**.
- Delivered REST APIs and Blazor modules supporting real-time operational visibility for shipping clients.

2022 Feb – 2024 Sep: Mantis Group - Ecovium - Full Stack Engineer (modernize WinForms VB.NET to Blazor)

- **Led the architectural modernization** of large, monolithic WinForms/VB.NET legacy modules into modular Blazor applications **using DDD, OOP, and SOLID principles**; accelerated team development velocity by enabling seamless parallel workflows.
- **Built shared Blazor components** and reusable UI/logic blocks adopted across multiple WMS modules (Order Shipments, Attachments, Expected Receipts).
- Designed REST API optimizing code going through full lifecycle of business on legacy system developed on WinForms, T-SQL
- Successfully **integrated 2 E-commerce APIs into a legacy order aggregation service**, while modernizing the existing code structure to align with modern best practices and **receiving positive stakeholder feedback**.

2020 Nov – 2022 Feb : Umobit SA - Back end / Full Stack Engineer

- Back-end development with MVC C# on Umbraco CMS websites **and pair programming with front end developers.**
- **Engineered dynamic reporting and data-analytics modules** utilizing Entity Framework, MS SQL Server, and Kendo/Telerik UI.

2019 Jul – 2020 Nov : CGSoft LTD - Full Stack Engineer

- Delivered robust web applications using ASP.NET Core, EF, and Dapper, deploying high-performance REST APIs, data-driven modules, and **secure payment workflows**.
- Led the end-to-end mobile initiative to develop and **launch the native iOS application on the App Store** leveraging Xamarin Forms (MVVM) integrated with .NET Core APIs and MSSQL.

2018 August –2019 Jul: Net Semantics S.A. - Full Stack Engineer

- Delivered ERP features for travel/tourism systems using VB.NET, JavaScript, MSSQL and SOAP services.
- redesigning legacy ERP modules to core workflows for responsiveness, drastically improving the overall UI/UX experience.

Education - Certifications

- **2009-2016 University of Piraeus – Bachelor (BSc) in Digital Systems & Telecommunications**
- **Microsoft Exam 486 Developing MVC Web App**
- **Microsoft Certified: Azure Developer Associate AZ-204**

GitHub / Projects

- RESTful API **CRUD operations, Clean Architecture,** Aggregation service, **OWASP, Handling Concurrency Conflicts** - EF Core
- Book Review App Identity, MVC, RESTful API, Pagination Offset-Keyset & React (ReactJS), TypeScript (Vite, TanStack Query)
- **Single page PWA (2020)**: ASP.NET Core, PostgreSQL, JS, Bootstrap **https://www.gsidiropoulos.com**

Technical Skills

Backend: C#, ASP.NET Core, Blazor, MVC, Web API (Rest APIs / SOAP), VB.NET, WinForms, .NET 9/10, LINQ optimization, Redis
Frontend: JavaScript, jQuery, Bootstrap, SCSS, Webpack, MudBlazor, Radzen UI, Telerik UI, DevExtreme, Responsive Design
Architecture: Clean Architecture, DDD, SOLID, OWASP, Microservices, OAuth2, ElasticSearch, JWT, OAuth, Redis Cache, CQRS
Observability & Testing: Error Boundaries, centralized logging, Logging, xUnit, ELK stack
Cloud & DevOps: Azure, GitHub Actions (CI/CD), Docker, Postman, Jira
Databases: MSSQL (EF, LINQ, Dapper, T-SQL, stored procedures, data modeling, CQRS), MySQL, PostgreSQL