

## Nikos Sandalidis

Born on October 22, 1979 in Athens, Greece  
Marital status: Married with two children.  
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I am a software engineer/architect with 24 years of commercial software development experience across a range of technologies. I've successfully delivered software products in the engineering, construction, banking, energy and insurance sectors.

I offer a great deal of expertise in the process of creating domain models that can handle complex business needs. I have a passion for clean, maintainable, self-explanatory code, object-oriented design and practice-rooted design patterns. I believe that a developer's most important skill is to be able to tell a complicated story in simple words.

I am a regular attender of events and conferences in the EU on technology and other topics, a volunteer developer instructor and I spend a significant amount of money and personal time every year to keep up with the latest technology advancements.

## Work experience



**DevOps instructor**  
2021 Aug - Present

Teaching the DevOps foundation course



**Lead solutions architect**  
2019 Jan - Present

Requirement analysis, product design, technical advisor, tech lead.



**Developer, technical advisor**  
1997 Jun - Present

Requirement analysis, design, development and support of engineering (CAD + BIM) and construction management software.



**Chief .NET Architect**  
2017 Nov - 2019 Jan

Rewrite of billing system for US-based energy suppliers (electricity and gas). Requirement analysis, architectural design, back-end (C#) and front-end (Angular) implementation.



**Freelance Senior Software Engineer**  
2015 Feb - 2018 Mar

Analysis, design, development and ongoing support of custom CRM system for insurance broker (C#, .Net Core, Angular)



**Senior Software Engineer**  
2015 May - 2017 Nov

Development of virtual teller system (VTS) for Piraeus Bank and kiosks for Eurobank. FMS for EKO, Avin, Shell and other suppliers.

## Certifications

- Software Engineering (7.24/10 - University of West Attica (TEI), 1998-2003)
- Amazon Web Services Solutions Architect Associate (Amazon, 2019)
- DevOps foundation (DevOps institute, 2020)
- Quality Software Development Certificate in Maintainability (PeopleCert, QSD, 2022)

## Skills

|  |   |
|--|---|
| <b>Application lifecycle, analysis and methodologies</b> | Requirement & business analysis, object oriented analysis, SOLID principles, clean code, refactoring, GoF & PoEAA design patterns, DDD, Agile, continuous integration |
| <b>Cloud technologies</b>                                | AWS (EC2, S3, RDS, Lambda), DigitalOcean  |
| <b>Programming languages</b>                             | C#, VB.Net, TypeScript, JavaScript, VB6, SQL  |
| <b>Frameworks, technologies and protocols</b>            | .Net Framework, .Net Core, Angular 13, ASP.NET, Entity framework, Unity, WCF, WinForms, WPF, WebAPI, MVC, OpenGL, WebGL, CAD, HTTP, BabylonJS, XeoGL, BabylonJs       |
| <b>Source control</b>                                    | Git, SVN, TFS   |
| <b>Databases</b>   | SQL Server, MySQL, SQL CE   |
| <b>Web servers</b>                                       | IIS, Apache, Nginx  |
| <b>Third-party tools</b>                                 | DevExpress, Infragistics, Crystal Reports, VectorDraw, Installshield, NSIS, InnoSetup, iTextSharp, Jira, Jenkins, TeamCity  |

## Languages

- Greek (native language)
- English (full professional proficiency)

## Seminars

- Architecting on AWS
- Functional programming with Scala
- Machine learning
- Human resources management
- Social media marketing
- Exports management
- Personal relationships management
- Parenting education workshop

## Volunteering

Volunteer JavaScript instructor at Social Hackers Academy ([socialhackersacademy.org](https://socialhackersacademy.org)) since 2018