PERSONAL INFROMATION

Ákos Nagy

📱 (+36) 70 431 83 89

✉ akos@dotnetfalcon.com

Nationality Hungarian

WORK EXPERIENCE

2016-

Freelancer software developer and architect

- Consultation, elaborating in-house development practices and proceses
- Developing in-house frameworks, code-review participation, coding-interviews
- Architectural design, implementation
- Introducing new technologies, migrating to modern solutions
- Developing and managing in-house trainings

2016 -

Software engineering instructor

Pentaschool Oktatási Központ, Masterfield Oktatóközpont, Ruander Oktatóközpont, Számalk Oktatási és Informatikai Zrt., SZIRTES TECHNOLOGIES Informatikai Oktató és Tanácsadó Kft.

- Designing an instructing introductory, novice and advanced courses on .NET and related technologies (Entity Framework, ASP.NET, Core frameworks, Azure)
- Designing and instructing courses on software development (design patterns, unit testing, software architecture, object orientation)

2016-2017

Senior Software Architect
Head of EN-CO Innovation and Training Centre

EN-CO Software Kft.

- Coordinating small and medium sized agile teams
- Requirements specification, client contact
- Designing software architecture
- Developing frameworks
- Developing MS SQL Server data models using Entity Framework
- Developing web based services (ASP.NET Web API and ASP.NET MVC Core based REST services, WCF webservices)
- Coordinating in-house training, developing training materials

2012-2016

Software engineer

AutSoft Kft.

Budapest University of Technology and Economics, Department of Automation and Applied Informatics

- Coordinating small and medium sized agile teams
- Participation in R&D projects (optimizing communication of distributed services, measuring user experience, cost optimization in the cloud, design pattern recognition in source code)
- Requirements specification, client contact
- Developing MS SQL Server data models using Entity Framework

▪ Developing web based services (ASP.NET Web API and ASP.NET MVC Core based REST services, WCF webservices)

2010-2015 ### Junior teaching assistant

Budapest University of Technology and Economics, Department of Automation and Applied Informatics

▪ Developing course material, presentation and lab-based courses, evaluating assignments
▪ Beginner and advanced .NET programming, Python programming, software engineering, cloud development, basics of digital technology

KÉPESÍTÉSEK

Translator and interpreter from English and Hungarian languages

2015-2017 Budapest University of Technology and Economics, Faculty of Economic and Social Sciences, English-Hungarian interpreter specializing in IT domain language   EQF level 7

Computer Science Engineer, Master's Degree

2013-2015 Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics, Computer Science M.Sc.   EQF level 7

2009-2013 Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics, Computer Science B.Sc.   EQF level 6

High-school diploma

2003-2009 Földes Ferenc High School   EQF level 4

PERSONAL SKILLS

Mother tongue   Hungarian

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C2	C2	C2	C2	C2
language certificate: Cambridge Proficiency: English, C2 LexInfo IT language certificate C1				
German				
B2	B2	B2	B2	B2
language certificate: Österreichiches Sprachdiplom Deutsch, C1				
French				
B2	B2	B2	B2	B2
language certificate: Diplome Elementaire de la Langue Francaise, B2				

Communication skills

▪ good communication skills perfected during years of teaching and education
▪ good presentation skills acquired at conferences
▪ allocating and communicating tasks and assignments as team coordinator
▪ confident negotiator

Job related-skills, programming and IT skills

▪ Deep understanding of the object-oriented paradigm and related design patterns and

theoretical tenets

- Professional working knowledge of the .NET framework and related technologies and tools (C#, WPF, Entity Framework, WCF, ASP.NET Web API, Visual Studio)
- Strong knowledge in database design and management using the related Microsoft technologies
- Deep understanding of cloud computation model and related technological solutions (mainly Azure)
- Strong understanding of software engineering methods and related metrics
- Novice NodeJs, ExpressJs and MongoDB skills
- Novice TypeScript skills
- Knowledge of Visual Studio Team Foundation Server; strong understanding as software engineer and basic understanding as administrator
- Basic understanding of Python
- Novice understanding of SDL Trados CAT tool

Hobbies

- Bouldering
- Bartending

OTHER INFORMATION

Selected publications

- Akos Nagy, Bence Kovari: *Incorporating sensory data collected on mobile devices into user experience analysis*, 5th IEEE International Conference on Cognitive Infocommunications, Vietri, 2014.
- Akos Nagy, Bence Kovari :*Evaluating Performance of Cloud Computing Environments,* XIV. IEEE Symposium on Computational Intelligence and Informatics, Budapest, 2013.
- Akos Nagy, Bence Kovari : *Optimizing Communication of Web Services on the .NET Platform,* XXVII microCAD International Scientific Conference, Miskolc, 2013.

  For the complete list, see:
  https://vm.mtmt.hu//search/slist.php?lang=0&AuthorID=10050320

Seminars

- Association of Informatics Teachers, "Tehetséghidak" program
- Association of Informatics Teachers, "Géniusz" program

Honors and awards,

- Scholarship of the Budapest University of Technology and Economics (2015)
- Scholarship of the Hungarian Republic (2012., 2014.)
- Scholarship of the Department of Electrical Engineering and Informatics, Category A (2013., 2014., 2015.)
- Students' Scientific Conference, Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics: 1. place (2011., 2012.)
- Students' National Scientific Conference, Informatics Session: 1. place (2013.)
- Students' Scientific Conference, Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics : 2. place (2014.)
- 17th International Mathematics Competition: Certificate (2010.)
- Faculty Mathematics Competition, Budapest University of Technology and Economics, Faculty of Electrical Engineering and Informatics : 2. place (2010.)

Certifications

- Microsoft Certified Trainer
- International Software Testing and Qualifications Board: Certified Tester, Foundation Level; Certified Tester, Agile Extension; Model-Based Tester Extension
- Microsoft Specialist: Programming in C#
- Microsoft Certified Solutions Associate: Querying SQL Server 2012
- Microsoft Certified Professional Developer: Windows Applications; Windows Azure Applications
- Microsoft Certified Technology Associate: .Net Framework 4, Data Access; .Net Framework 4, Service Communication Applications; .Net Framework 4, Windows Applications
- SDL Trados Studio 2017 for Translators - Getting Started Certification