

CURRICULUM VITAE

Personal data

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Experience matrix¹

Technology / Area	Language	Experience
MS-SQL, PostgreSQL, MySQL	SQL	26 years (1998—today)
Web development (ASP.NET [Core], React)	C#, JavaScript, TypeScript	18 years (2006—today)
Agile methodologies (Scrum, Kanban)		15 years (2009—today)
DevOps (on-premise, Kubernetes, Azure, AWS)		14 years (2010—today)
Machine learning	C#	1 year (2023—today)
Desktop GUI (WPF, WinForms)	C#	4 year (2012—2016)
Embedded Linux development	C++	2 years (2008—2010)

Languages skills

Hungarian: native speaker
English: proficient
Classical Latin: intermediate

¹ As of March 2024.

Education

**2003–2009 Budapest Polytechnical Institution²
Kandó Kálmán Faculty of Electrical Engineering**

Qualification:

Electrical engineer (BSc)

Specialization:

Specializing in Instrumentation–Automation,
Automated Production Systems Module

Work experiences

Diligent Governance Hungary Ltd.

Employment:

December 2021—present (2 years+)

Position:

Senior software engineer

Responsibilities:

- Managed the knowledge transfer between the New Zealand and Hungarian teams,
- As a C#/I.NET developer, design and implement backend services,
- Configure infrastructure as a code (e.g. Kubernetes components, AWS services, pipelines etc.),
- Introduced Machine learning,
- Release preparation and deployment (with DevOps mindset),
- Create automated tests and documentation.

² Currently: Óbuda University

Betsson Group (Hubsson Ltd.)

Employment:

March 2019—December 2021 (2 years 8 months)

Position:

Senior software engineer

Responsibilities:

- As a scrum master, conducting scrum ceremonies and organized the daily life of a small scrum group,
- As a C#/ASP.NET developer, design and implement distributed backend services (hosted in Kubernetes),
- Created frontend in React,
- Release preparation and deployment (with DevOps mindset),
- Modernize the code and the build system of legacy systems,
- Create automated tests and documentation.

Dealogic Hungary Ltd.

Employment:

January 2016—March 2019 (3 years 3 months)

Position:

Senior C#/ASP.NET and JavaScript (full stack) engineer

Responsibilities:

- Design and implement single page applications, widgets (React + Node.JS in TypeScript),
- Design and implement cloud (Azure) backend services (C#/ASP.NET Core + Entity Framework Core),
- Update legacy build system,
- Collect business requirements, create user stories and tasks,
- Release preparation and deployment (DevOps),
- Create automated tests and documentation.

Morgan Stanley Hungary Analytics Ltd.

Employment:

June 2013—January 2016³ (2 years 10 months)

Position:

(Senior) C#.NET frontend (WPF) developer

Responsibilities:

- Design and develop a business (trade capture) software (WPF, WCF),
- Release preparation and execution,
- Implement unit/integration tests,
- Write technical documents.

BvFon-CSP Telecommunication Ltd.

Employment:

March 2012—March 2013 (1 year 1 month)

Position:

Senior C#/ASP.NET developer

Responsibilities:

- Design and develop a web-based administration interface using ASP.NET MVC, Entity Framework and MS-SQL,
- Web service interface for the Dutch Ministry (NOvA) with C#.NET WCF,
- Design and implementation of a web service proxy (WCF/SOAP and HTTP),
- Implementation of an SQL database comparator utility with WinForms,
- Various SQL utility scripts.

EPAM Systems Ltd.

Employment:

March 2010—March 2012 (2 years 1 month)

Position:

.NET developer

Responsibilities:

- Develop a scrum tool development (C#, ASP.NET MVC + MS-SQL, Silverlight),
- Web service development in C++ and C#,
- Refactor the source code of a geological simulator program written in managed C++ and C#.NET, write test cases for the simulator program,
- Development of an automated web application test framework.

³ In June 2015, the fix-term employment was converted to a Grafton outsourcing, but nothing else actually changed.

Siemens PSE Hungary Ltd. (A Siemens Company)

Employment:

June 2008—March 2010 (1 year 10 months)

Position:

Electrical engineer, embedded software developer

Responsibilities:

- ARM-based software and hardware development, embedded circuit evaluation,
 - Linux kernel driver and embedded software development,
 - Graphical user interface (web) implementation,
- Automated test and validation environment setup for airfield equipment (power supplies and lightning applications) at ADB in Zaventem, Belgium,
- Safety critical embedded system (train fault detector for Österreichische Bundesbahnen and Deutsche Bahn) development in Vienna, Austria.

Private enterprise

Employment:

1998—2005 (7 years)

Responsibilities:

- Web programming in Linux environment,
- Linux server and network administration.