

# CURRICULUM VITAE



## Personal data

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## Experience matrix<sup>1</sup>

Technology / Area	Language	Experience
MS-SQL, PostgreSQL, MySQL	SQL	26 years (1998—today)
Web development (ASP.NET [Core], Angular, 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

<sup>1</sup> As of March 2024.

Education

2003–2009    **Budapest Tech (merged into Óbuda University)  
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#/.NET developer, design and implement backend services,
  - Frontend development in Angular,
  - Configure infrastructure as a code (e.g. Kubernetes components, AWS services, pipelines etc.),
  - Release preparation and deployment (with DevOps mindset),
  - Introduced machine learning,
  - Create automated tests and documentation.

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 Angular,
  - 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 2016<sup>1</sup> (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.

<sup>1</sup> In June 2015, the fix-term employment was converted to a Grafton outsourcing, but nothing else actually changed.

**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.

**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.