Tamas Urban



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PROFESSIONAL EXPERIENCE

Fornax ICT. Budapest, Hungary
Application Configuration / Software Developer 2025 – Present

- **Configured and customized enterprise applications using the platform's domain specific language (DSL) to meet business requirements in the public tax administration sector.**
- **Developed frontend components using TypeScript and JSForm, delivering custom UI enhancements and business-specific functionality.**
- Implemented and maintained backend integrations between enterprise systems using **Node.js, TypeScript, SOAP, IBM MQ and Oracle DB (SQL), ensuring reliable communication and data consistency.**
- **Contributed to the delivery of business-critical workflow solutions by implementing application integrations and taking ownership of development tasks within a complex enterprise environment.**
- Collaborated closely with developers, analysts and stakeholders to deliver maintainable, scalable and production-ready solutions.

CDSYS Nyrt. Budapest, Hungary
Developer, Tester / Identity Management Solutions 2024 – 2025

- **Contributed to the development and customization of One Identity Management software for a major national bank.**
- **Expanding out-of-the-box functionalities to meet specific client needs.**
- Handled end-to-end development, testing, documentation and direct consultation with stakeholders
- **Implemented enhancements** to improve system performance, reliability and availability

Statcog Kft. Budapest, Hungary
Founder / Project Lead / Technical Lead (managing 4-5 people) 2022 – 2024

- **Launched development of a new Object Identification project using machine learning.**
- **Analyzing feature proposals and making decisions on proposed development ideas by always considering the coding architecture and the workflow factors of the project.**
- Reviewing code changes and always providing improvement opportunities (e.g., **code refactoring**, etc.). Making **high-stake decisions and taking full responsibility for the project.**
- Managing project-related accesses and permissions and serving as the **first point of contact** for teams. Carrying out administrative tasks and supporting the implementation of the project.

Evosoft Hungary Kft. Budapest, Hungary
Software Developer / Test Automation Engineer 2020 – 2022

- **Developed several new simulation tools and integrated them into the continuous testing framework.** Supported the work of **more than 10 testers (Medical visualization project)**; made developments based on special requests.
- Planned the **development of new features regards to the continuous testing framework.**
- **Improved and extended the testing framework's architecture** to support more in-house projects and enhance easier master tool addition.
- **Developed an interactive long run testing tool from the ground up.** Convinced superiors to choose my unique programming solution over other ideas.
- **Saved more than 240 hours by developing a feature for the testing and co-simulation framework.**

Streamnet Zrt. Budapest, Hungary
IT Intern, AV Mechanic 2018 – 2020

- **Administrated and managed 50+ PCs.** Carrying out assembly and maintenance on various AV devices.

EDUCATION

Óbuda University John von Neumann Faculty of Informatics Budapest, Hungary

- **Bsc**; specialization: Software Engineer 2016 – 2021

Eötvös Loránd University Budapest, Hungary

- **BSc**; specialization: Computer Physicist 2010 – 2015
- Relevant coursework: Linear Algebra, Vector Calculus, Differential Equations, Analysis, Probability and Statistics, Statistical Physics

TECHNICAL SKILLS

- **Backend & Integration:** Node.js, TypeScript, C#, Java, Python, SOAP, MQ, Oracle DB
- **Frontend:** TypeScript, JavaScript, HTML, JSForm
- **Identity & Enterprise Systems:** One Identity Manager (IAM), Enterprise Application Configuration (DSL), System Integration, Workflow Solutions
- **Machine Learning:** TensorFlow, scikit-learn (project experience)
- **Development Practices:** Git, TDD, Clean Code, Software Testing, Test Automation
- **Operating Systems:** Windows, Linux (Shell scripting)

ADDITIONAL INFORMATION

- Languages: **English (full professional proficiency)**, Hungarian (native)
- Certificates: **ISTQB Certified Tester**

INTERESTS

- Competitive sailing (licensed skipper), hiking, cycling, scuba diving