# **ZOLTÁN SZŐCS**

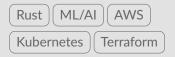
#### Sr. Software Engineer

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- zacsek

### **TECH STACK**



## **LEARNING**



# **LANGUAGES**

Hungarian: Native
English: Advanced / C2
German: Advanced / C1
Romanian: Advanced / C1

# **ABOUT ME**

With over 20 years of experience in software development, including more than a decade dedicated to Ruby, I've honed a deep expertise in crafting efficient, scalable solutions. My journey, enriched by a versatile background in C++ and Java, is marked by significant achievements, such as leading the development of a crucial verification tool for Daimler, impacting millions of vehicles. Known for my analytical approach and rapid adaptability, I take pride in creating high-throughput software and fostering team member growth. As I aspire towards roles in tech leadership and software architecture, my goal is to continue developing innovative Ruby-based projects, pushing the boundaries of technology and teamwork.

#### **EXPERIENCE**

#### Sr. Software Engineer | Wolters Kluwer

**2021** – current

- Ludwigsburg, Germany
- Designed and implemented a novel mechanism for generating payment advice documents, creating detailed PDF summaries of outstanding payments.
- Reengineered and enhanced workflows for receipt handling and payment generation within the SMART Connect cloud-based application.

#### Tech Lead | Daimler extern / KPIT

**2015 - 2020** 

- Stuttgart, Germany
- Spearheaded the development of an internal verification tool within Daimler's Truck department, implemented globally across approximately 5 million Mercedes trucks.
- Created and optimized a production environment using JRuby / Sidekiq, tailored to client specifications, handling over 500 GB of structured data daily.
- Guided a team of 12 based in India in developing cloud-based fleet management software for a German client, ensuring effective international collaboration and project alignment.

### Quantitative Developer | Citi

**2014 - 2015** 

- Budapest, Hungary
- Engineered a bond rate spider that aggregated data from diverse sources, processed it, and distributed it globally, enabling real-time queries from within Excel sheets.
- Managed and optimized a global server pool spanning 6 locations with over 100 servers, ensuring high efficiency and reliability.
- Implemented financial algorithms in C++ from Quantitative Analysts' proof-of-concept papers, translating theoretical models into practical applications.

Sr. Software Engineer, Android | LogMeIn (Developer of Remote Access and Support Solutions)

**2011 - 2014** 

Budapest, Hungary

- Pioneered the development of a screen capture mechanism for LogMeln's remote
  assistance Android app, marking (possibly) the world's first such commercial implementation
  of this technology at the time.
- Transformed the Rescue app from a basic proof-of-concept to a globally deployed business application.
- Collaborated with OEM partners (Samsung, HTC, Sony-Ericsson, LG) in the software integration of the application.

#### Sr. Software Engineer | Intellio (Creator of Intelligent IP Security Cameras)

**2006 - 2011** 

Budapest, Hungary

- Developed a Linux environment for a network-attached intelligent surveillance camera, including integrating hardware support in the Linux kernel.
- Engineered a comprehensive framework for the embedded application on the camera, encompassing server communication and streaming protocols.
- Implemented bounding box-based movement tracking and alerting features, enhancing real-time event recognition and reporting capabilities.

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#### Software Developer | Nokia Siemens Networks

**2005 - 2006** 

Budapest, Hungary

- Developed account authentication features for Nokia's 3G IMS solution.
- Written automated tests for functional features in the 3G and legacy 2G solutions.

## Software Developer | Neogen

**2004 - 2005** 

▼ Targu Mures, Romania

PHP / C++ / MySQL / Linux

- Conceived and developed a search engine, used in ad-serving processes for affiliate websites.
- Engineered advanced statistics generation features for the company's intranet, enhancing data analysis and reporting capabilities.

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# **EDUCATION**

Master of Sciene (MSc) in Automation Engineering | Petru Maior University

**2000 - 2005** 

Targu Mures, Romania