

# ZOLTÁN SZŐCS

Sr. Software Engineer

@ zacsek@gmail.com +49-157-58094107

📍 Esslingen am Neckar, Germany

in zoltan-szocs

🔗 zacsek

## TECH STACK

Ruby

Kotlin

Java

Ansible

Rails

PostgreSQL

MySQL

Linux

Docker

Git

RabbitMQ

Sidekiq

## LEARNING

Rust

ML/AI

AWS

Kubernetes

Terraform

## LANGUAGES

Hungarian: **Native**

English: **Advanced / C1**

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 LogMeIn'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 \(Creator of Intelligent IP Security Cameras\)](#)

📅 2007 – 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.

---

## Software Developer | [Nokia Siemens Networks](#)

📅 2006 – 2007

📍 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 – 2006

📍 Targu Mures, Romania

- 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.

---

## EDUCATION

---

### Master of Science (MSc) in Automation Engineering | [Petru Maier University](#)

📅 2000 – 2005

📍 Targu Mures, Romania