

ZOLTÁN SZŐCS

Sr. Software Engineer

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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 / 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 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 \(Creator of Intelligent IP Security Cameras\)](#)

📅 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.

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.

EDUCATION

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

📅 2000 – 2005

📍 Targu Mures, Romania