

# Adam Luzsi | Senior Software Engineer | Resume

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- GitHub
- RubyGems
- LinkedIn
- [Link to my CV / Portfolio](#)

## Professional Summary

I am an experienced Software Engineer with a strong background in backend development across multiple industries, including finance and online marketplaces. Passionate about maintainable software development, open-source contributions, and continuous learning. Experienced in working with numerous programming languages, including Go, Ruby, JS, TS, PHP and C#.

Proficient in building and maintaining microservices, applying SOLID principles, automated testing, and the 12-factor methodology. Experienced in designing efficient ETL data pipelines, managing databases, and designing APIs. Active mentor in the open-source community, and adept at implementing agile methodologies and DevOps.

## Personal Projects (OSS)

- **frameless**: Anti-framework for system flexibility and maintainability.
- **rack-app**: Minimalist ruby web framework.
- **testcase**: Toolkit for Go to support classicist TDD testing.
- **toggler**: Self-hosted feature flag and a release management service.
- **My last public presentation from UK GopherConf about the misunderstood HR tool: Microservices Architecture**

## Key Skills

- **Programming Proficiency**: Primary expertise in Go and Ruby, with proficiency also in JavaScript/TypeScript, C#, Java, and PHP.
- **API Integration**: Experience with a variety of API styles including RESTful, GraphQL, gRPC, SOAP, and some more.
- **Data Management Expertise**: Familiarity with numerous data management systems such as PostgreSQL, MySQL, BoltDB, Redshift, GreenPlum, Google BigQuery, Redis, and Kafka.
- **DevOps Experience**: Comfortable with on-call duties, proficient in tracing (e.g., with OpenTelemetry), metric collection, and automation.
- **Software Development Principles**: Knowledge and application of 12-factor methodology, SOLID principles, Hexagonal architecture, and Clean Architecture.

- **Project Management Methodologies:** Proficient in XP, Kanban, Scrum and other Agile Development techniques.
- **Payment Systems Optimization:** Contributed significantly to enhancing payment systems and reducing costs via intelligent payment routing.
- **Registration System Development:** Involved in the development of the company's acquiring registration system, which involved tasks such as registering to acquiring hosts and preparing terminals for payments.
- **Marketing Automation Knowledge:** Experienced in using various marketing automation tools and strategies.
- **Data Warehouse Management:** Experienced in designing, developing and maintaining a distributed database warehouse and its segmenting features.
- **User Behaviour Tracking:** Possess a deep understanding of diverse user behavior tracking methods for efficient ad targeting and user impression collection.

## Professional Experience

### Senior Software Engineer | Teya / SaltPay | 2022 - 2023

- Played a key role in enhancing payment systems and decreasing costs through smart routing of the payments
- Took part of the development of company's the acquiring registration system. (registering to acquiring hosts, preparing terminals for payments, etc)

### Senior Software Engineer | Tutti / Tamedia / Swiss Marketplace Group | 2019 - 2022

- Improved user experience and streamlined transactions in a second-hand marketplace.
- Extended the payment system by integrating a new payment option, leading to a substantial increase in revenue.

### Senior Software Engineer | Cembra Money Bank | 2018 - 2019

- Owned and led the replacement project of the ZEK integration system, leading to increased efficiency and continuous recognition from management.

### Software Engineer | Emarsys-Technologies Kft | 2014 - 2018

- Key contributor to the design and building of scalable solutions for storing and analyzing big data.
- Maintained Ruby and Golang client libraries, reducing integration time from a week to just minutes.
- Significantly contributed to the creation of a tool that transforms raw data into valuable insights for strategic marketing and business growth.

### Software Engineer | VeryCreatives Consultant | 2014 - 2016

- Designed a data aggregation ETL processing stack
- Held training on Agile practices, including topics such as the importance of team communication through test automation.

#### **Software Engineer | People Process Technologies | 2011 - 2014**

- Led the design and implementation of a workflow engine which increased integrations and facilitated acquisition of new government projects.
- Spearheaded the design and implementation of an internal payment handling system, which was adopted by the Hungarian Government for managing employee benefits.

#### **Open-Source Contributor | 2011 - Present**

- Contributions to open-source projects along with sharing my own such as Frameless, Rack-App, Testcase, and Toggler.
- Regularly providing mentorship and sharing knowledge within the open-source community.

#### **Software Development Intern | CFB Kft | 2009 - 2011**

- Participated in the design of compliant insurance software solutions, gaining understanding of the complex policy systems of the insurance sector.

### **Education**

- **Web Software Developer** (OKJ nmb 54 481 02): Developed skills in various programming languages, web development frameworks, and database management systems.
- **Client-Sided Software Developer** (OKJ nmb 54-481-02): Gained in-depth client-side programming knowledge.
- **Apprenticeship & Mentorship**: Participated in an apprenticeship program followed by a mentorship, further solidifying my software development skills.

### **Languages**

- English: Proficient
- Hungarian: Native speaker