

Adam Luzsi | Software Engineer | Resume

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- Link to my CV / Portfolio

Summary

Hello! I'm Adam Luzsi, an IT professional with a keen interest in maintainable software development. My skills encompass several programming languages, notably Go (6+ years), Ruby (7+ years), but also gained experience with C#, JavaScript/TypeScript, and a bit with Java and PHP.

I've applied these competencies across various industries such as finance, marketing, second-hand marketplace, healthcare, and insurance, bringing effective software solutions to complex problems. An essential part of my career is being a dedicated open-source contributor and a lifelong learner. Please check out my GitHub profile for more about my work and contributions.

I see myself as a Senior Software Engineer, and some may categorize similar expectations as a Principal SE or Staff SE, I find that these titles can vary significantly in their interpretation across different companies. Therefore, I prefer not to place too much emphasis on them.

This summary should give you a good overview of my experience and capabilities, and the rest of the document provides more detailed information if you're interested.

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 presentation from UK GopherConf about the misunderstood HR tool: Microservices Architecture**

Key Skills

My skills encompass several programming languages, notably , but also

- **Programming Proficiency:**
 - Primary expertise in Go (6+ years), Ruby (7+ years),
 - gained experience with C#, JavaScript/TypeScript, and a bit with 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, MongoDB, Redshift, GreenPlum, Redis, and Kafka.
 - PostgreSQL Specialist (2011 - Present): Leveraged my knowledge of PostgreSQL for 12 years, gaining practical experience in database management and optimization. This included a substantial 3.5 years stint as a Data Warehouse Engineer, where I designed, implemented, and maintained a distributed database warehouse system using Greenplum, a variant of PostgreSQL.
- **DevOps Experience:**
 - Comfortable with on-call duties, proficient in tracing (e.g., with OpenTelemetry), metric collection, and automation
 - experiment with hosting on AWS, GCP, DigitalOcean, Heroku and on-premise.
 - advocate of re-creatable deployment processes, and their tooling such as Terraform, Ansible, Docker, Helm, Kubernetes, Jenkins, ArgoCD
- **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.
- **Mentorship and Knowledge Sharing:**
 - comprehensive experience in fostering the growth of both team members and independent individuals, nurturing their professional and personal advancement.
 - Active contributor and share knowledge in the open-source community.
 - Passionate about knowledge sharing, contributing to learning materials, and guiding aspiring developers.
- **Payment Systems Development:** Contributed significantly to enhancing payment systems and reducing costs via intelligent payment routing.
- **Acquiring Registration System Development:** Developing the company's acquiring registration system involved tasks such as registering to acquiring-hosts and preparing payment terminals.
- **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 important 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 sharing my owns 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