



# Dawid Rusnak

Software Engineer and Architect

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## About me

I'm a **software architect and full-stack developer** with experience across **product companies, software houses, and startups**. I specialize in designing and implementing **scalable, high-performance systems, improving architecture, security, and automation** while ensuring maintainability. I enjoy **digging deep into system internals, and refining developer workflows** to enhance efficiency. I focus on driving technical direction, solving complex problems, and enabling teams to build better solutions.

**12+** years of experience

**30+** big projects

**thousands** PRs and tickets

## Technologies & skills

I have worked across a wide range of technologies, methodologies, and architectures, covering **both frontend and backend systems**. I contributed to **all stages of software development**, from architecture to implementation. My background includes **8+ years in technical leadership roles**, where I have driven system design, optimization, and DX improvements. I focus on understanding technologies at a low level, allowing me to **quickly adapt, identify patterns, and efficiently learn** new tools and frameworks.

<b>Languages</b>	TypeScript (7+ yrs), JavaScript (12+ yrs), Golang (3+ yrs), Python (4+ yrs), PHP (5+ yrs)
<b>Backend</b>	Message Queues (RabbitMQ, AMQP 1.0, Kafka), Distributed Systems, Microservices, Containers, Kubernetes
<b>Frontend</b>	React (8+ yrs), Vue (2 yrs), Redux, Zustand, Angular (2 yrs)
<b>Databases</b>	PostgreSQL (6+ yrs), MongoDB (4+ yrs), DynamoDB, Elasticsearch, Redis
<b>Various</b>	Performance (analysis & optimization), Developer Experience (automation), Software Architecture (frontend & backend), CI/CD, Terraform, Helm Chart

## Selected experience

### Full-stack Developer and Technical Lead @ Testkube

2 years 2 months • March 2023 – May 2025

I led a frontend re-architecture for modularity and code reuse, then designed and implemented a backend for new test orchestration system ([Test Workflows](#)), enabling scalable, flexible, and distributed Kubernetes-based execution. I prepared a full system re-architecture to enhance security, performance, and multi-cluster support. As a technical leader, I drove architectural decisions, optimized scalability, and mentored the team while working with Golang, React, NATS, and MongoDB.

### Frontend Developer and Technical Lead @ Evident ID

2 years 8 months • September 2019 – April 2022

I led the Frontend team and drove system modernization by migrating from Mithril.js to Vue.js, improving performance, configurability, and accelerating feature delivery. Architected and built FE solutions for risk management tools, enhanced CI/CD pipelines, and optimized developer workflows. Shaped system architecture, contributing to scalable backend solutions in Python and Scala.

### Senior Frontend Developer and Technical Lead @ Talixo

1 year • March 2018 – February 2019

I led front-end rearchitecture of a transportation platform, migrating from jQuery to React + Redux. Built a WYSIWYG editor reducing landing page setup from days to minutes. Optimized Python/Django backend, improved scalability, mentored engineers, and enhanced software delivery processes. Contributed to open-source UI Kit and SCSS tooling.

### Senior Software Developer and Technical Lead @ G2A

10 months • January 2017 – October 2017

Together with my previous team and CTO from Grand Parade, after its acquisition, we have joined G2A – a major digital marketplace to enhance architecture, modernize software, and mentor teams. Led integration system development, front-end migration to React, and a microservices lottery platform. Improved software lifecycle, scalability, and developer experience while ensuring resilient, high-performance solutions under tight deadlines.

### Senior Frontend Developer and Technical Lead @ Grand Parade

1 year 4 months • June 2015 – September 2016

As a technical leader in a software house specializing in bookmaker and casino platforms, I led React adoption, modernized frontend technologies, and designed scalable architectures. I mentored developers, conducted recruitment, and led frontend and Node.js backend development for a high-performance betting platform. I also guided teams through architectural challenges and deadline-driven projects.

### Web Application Developer @ Codete

9 months • September 2013 – May 2014

Developed and maintained web applications as a full-stack developer using PHP (Yii, Zend), Java (Play), and JavaScript (AngularJS, Node.js, PhoneGap). Led a project management tool, improved an e-commerce platform, and built a WYSIWYG landing page editor, optimizing performance and usability.

I hereby agree for processing the following personal information strictly for the purposes of job recruitment in accordance with the regulation for the protection of personal data passed on the following day:  
29.08.97r. DzU nr 133 poz. 883.