Balázs Sevecsek

Senior Software Engineer (Contractor)

Senior software engineer and a polyglot with more than 8 years of experience in the industry who has also led engineering teams and participated in projects serving from 40,000 to 500,000 users.

⊙ Tata

✉ balazs.sevecsek@gmail.com

 BalazsSevecsek (GitHub)

in balazs-sevecsek (LinkedIn)

Work

Yat Labs

Senior Software Engineer

Jan 2023 – Present

Help launching the Tari chain and furthering Yat as a platform

- Boosted Tari's follower base 100x by creating a complex Airdrop game incentivizing user engagement and participation
- Helped creating Tari's desktop miner app: Tari Universe supporting Macos, Windows and Linux
- Integrated Tari Universe and the airdrop game, giving testnet rewards for users
- Redesigned the company's paper trading game, eliminating 70% of their bugs and improving the game's reliability by 60%
- Added 2 new payment options to the Yat website.
- Automated marketing email campaigns with Customer.io, boosting retention rate by 30%.
- Implemented referral system, increasing new player count by 50%.

Myrmidon Technology

Lead Software Engineer

Jan 2023

Prototyping of a new graph-based methodology for AI classification.

Glassnode-Accointing

Senior Software Engineer (Contractor)

Jan 2022 – Jan 2023

Pioneered crypto accounting at Accointing, interfacing with crypto exchanges and wallets.

- Supervised and consulted architecture and infrastructure decisions for multiple teams.
- Guided and mentored developers.
- Optimized database operations, doubling query execution speed.
- Reduced domain model complexity, cutting database size by 40%.
- Interviewed and hired multiple engineers across teams.
- Supplied system level utilization information, boosting revenue by 10%.

Raiffeisen Bank

Senior Software Engineer (Contractor)

Jan 2022

Supported development of a multi-language AI chatbot for 6 countries.

- Constructed a conversation designer, reducing editing time of conversation engineering by 50%.
- Secured service-to-service communication using OAuth client credentials flow.
- Automated 3rd-party data ingestion for model training, increasing dataset size by 100%.
- Incorporated strict typing and linting, improving code quality and reducing bugs by 60%.

Myenergi

Lead Software Engineer (Contractor)

Jan 2020 – Jan 2022

Led the implementation of cloud-based data pipelines for smart-home IoT devices.

- Migrated 40,000 customer devices to the developed solution without major downtime in 3 weeks.
- Served over 10,000 mobile clients through GraphQL and REST API.
- Created UI for company support and remote management of devices.
- Mentored engineers and refined development practices, reducing bugs in releases by 3x.
- Reworked and augmented local tooling, improving developer experience.
- Designed architecture for 4 new services and optimized system performance by 2 orders of magnitude.
- Introduced observability with Grafana and Prometheus.

Topdesk Magyarország Kft.

Full-stack Software Engineer

Jan 2018 – Jan 2020

Developed a cloud-based ticketing and facility management system.

- Established secure data encryption for sensitive information storage.
- Developed an embedded chat solution, reducing ticket resolution time by 7x.
- Built an OData service, enabling business intelligence tool integration.
- Held presentations for AI and security guilds.

KUKA Hungária Kft.

System and Back-end Developer

Jan 2016 – Jan 2018

Engineered robotic arm systems and developed UI solutions.

- Co-engineered a new tablet-controlled web UI for the next-generation robotic arm, LBR IISY, showcased at the Hannover World Trade Fair.
- Implemented a robot scene modeling tool helping robot engineers organize their work.
- Developed a graphical programming interface for robot integration engineers, used by 4 industry partners.

Robert Bosch Kft.

Functional Software Engineer

Jan 2015 – Jan 2016

Developed Adaptive Cruise Control (ACC) systems for the automotive industry.

- Prototyped new adaptive cruise control product using camera input, creating new revenue streams for Bosch from existing hardware
- Enhanced radar-based adaptive cruise control functionalities for various manufacturers.
- Managed customer requirements for major car brands such as Volkswagen and Fiat.

Knorr-Bremse Brake Systems

Embedded Software Engineer Trainee

Jan 2013 – Jan 2014

CAN communication working group

- Working on the brake systems and CAN communication layer of trucks

Education

Budapest University of Technology and Economics

Electrical Engineering

Jan 2014 – Jan 2016

MSc

Budapest University of Technology and Economics

Electrical Engineering

Jan 2010 – Jan 2014

BSc

Certificates

Kubernetes

Issued by **educative.io**

Dec 2023
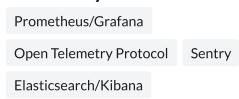
Machine Learning

Issued by **Coursera**

Dec 2018

Skills

Programming Languages

Rust TypeScript JavaScript

Python Java Go

Frontend

React Vue CSS/SCSS HTML

i18n

Backend

Tokio Actix-web Axum

Node.js Express.js FoalTs

Nest.js

Cloud

AWS products GCP products

Kubernetes Docker

Docker compose

Telemetry

Prometheus/Grafana

Open Telemetry Protocol Sentry

Elasticsearch/Kibana

Storage

Postgres Redis Memgraph

MongoDB

ORM

Typeorm Sequelize Sqlx

Message passing

Kafka Redis pubsub

Testing

Jest Cypress Pytest

testcointainers

Version control

Git Tfs MKS

Data science

Rasa Numpy Pandas Pyplot

LLMs

Toolchain

Github CI/CD Gitlab CI/CD Nx

Lerna SWC Webpack

Languages

Hungarian

Native

English

Proficient

German

Basic/Independent

References

> I would like to thank him for his excellent contribution. We wish him every success and all the best for his future professional and private life. I would highly recommend Balázs for any position that requires a seasoned engineer with problem-solving skills. He is a dedicated and talented employee who would be a valuable asset to any organisation.

— David Garcia (Glassnode)