



Istvan Gombocz

Full Stack Software Engineer

Profile

Full Stack Software Engineer focused on developing scalable web systems and SaaS solutions. Experienced in covering the entire development lifecycle, with a backend-oriented and data-driven approach, leveraging AI and automation. Known for precise, independent work, strong communication skills, and confident English proficiency.

Experience

2025.07 – now

P.A.M. Generátor Kft. –
ASL Labs

Full Stack Software Engineer

Designing, developing, and testing end-to-end digital solutions in an agile environment. Performing Data Engineer/Analyst tasks using Excel and Power BI. Developing an internal ERP system, as well as web and mobile SaaS applications, including SQL databases and APIs. Implementing AI solutions and automating processes. Managing partner communication as a Project Manager. Collecting and processing data, and preparing reports.

2021.02 - 2025.07

Tolnagro Kft.

Logistics and Warehouse Associate

Goods receiving and dispatch, inventory management, transport coordination, and administration in a cross-functional role.

2016.09- 2021.02

ORFK - Budaörs,
Nyíregyháza

Police Sergeant

Strong sense of responsibility and ability to perform effectively under pressure. Effective communication and collaboration skills.

Education

2024 - now

University of
Nyíregyháza

BSc in Computer Science

Currently pursuing the degree in a part-time (correspondence) program. Achieved an outstanding GPA of 4.8/5.0 in the most recent academic year.

Projects

AI Cloud Gallery

- Web application for companies with full-scale image data management.
- Backend: Image uploads to Amazon S3, AWS Lambda processing, callback API integration, and Amazon Rekognition for facial recognition.
- Core feature: Instantly identifies and retrieves photos of a user from the gallery based on a submitted selfie.
- Scalability: High-performance image delivery ensured through Amazon S3, AWS Lambda, and Amazon CloudFront CDN.

National Sports Gala

- Full IT infrastructure setup and operation for the event.
- Access control system: Web application managing event participants.
- Mobile application: For hostesses, enabling real-time check-in via API integration.
- Network infrastructure: Designed and maintained to ensure smooth and uninterrupted operation.
- Edge AI speech-to-text solutions

Contact

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Skills

Backend/Frontend: PHP/Laravel,

Python, HTML/CSS, JS/TS, React,

NodeJs, Next.js

OS: Linux, Windows

Scripting: Bash, PowerShell

Mobile development: Flutter

Database: MySQL, PostgreSQL,

Cloud: AWS s3, EC2, Lambda, CDN

Data: Scraping, collect and clean

Tools: AI, Git, Office 365, PS

Agile: Trello

Languages

English – C1 Level (Advanced)

Hungarian - native