

# Gergo Magyar



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## TECHNICAL EXPERTISE

### Frontend Development

- React & Angular frameworks
- JavaScript/TypeScript
- HTML5/CSS3
- SPA architecture
- Frontend performance optimisation

### Backend Development

- PHP backend services
- RESTful API design
- Relational databases
- Object-oriented programming
- Microservices architecture

### Development Practices

- Agile/Scrum methodologies
- Git version control
- CI/CD pipelines
- Cross-functional collaboration
- Code quality & testing

## EDUCATION

### Corvinus University of Budapest

Master's Degree, Economist in Accountancy

2016 - 2021

### University of Szeged

Bachelor's Degree, Computer Science

2012 - 2016

### JÁzsef Attila Secondary Grammar School

High School Diploma, Mathematics and Informatics Faculty

2008 - 2012

## PROFILE

Senior Software Engineer with 7+ years of commercial experience across the full technology stack. I specialise in building stable production systems with Angular, PHP, Python and Docker while maintaining high standards for code quality and performance.

At Freelancer Outsourcing UK, I improved platform reliability by developing monitoring dashboards that reduced incident response times by 35% and coordinated cross-team projects that cut deployment times by 30% through Docker and Jenkins automation.

My track record includes modernising legacy systems, implementing secure authentication frameworks, and optimising development environments to increase team productivity. I approach technical problems pragmatically, focusing on delivering measurable business value rather than chasing the latest trends.

## PROFESSIONAL EXPERIENCE

### Freelancer Outsourcing UK Limited | 5+ years

#### Senior Software Engineer

- Led platform stability and optimisation initiatives, managing incident response and root cause analysis, reducing critical incidents by 25%
- Designed and maintained high-performance software solutions using Angular and PHP, enhancing user experience and platform performance
- Collaborated with cross-functional teams to align technical solutions with business objectives, improving project delivery efficiency
- Developed infrastructure automation with Docker and Jenkins, reducing deployment time by 30%

#### Full Stack Software Engineer

- Developed and maintained full-stack applications to enhance platform functionality and user experience
- Optimised existing features and integrated new ones using Angular, PHP and Python, improving system performance by 15%
- Worked closely with the data science team to integrate data-driven features and improve analytics capabilities

### Fornax Kft. (Hungary) | 7 months

#### Full Stack Developer

- Implemented Keycloak SSO for backend security and OAuth2 for frontend authentication, enhancing application security
- Developed RESTful web services using Spring Boot and configured continuous deployment, accelerating release cycles
- Maintained and optimised graph and relational databases (AgensGraph and PostgreSQL), improving data retrieval efficiency by 20%
- Standardised frontend development processes and mentored junior developers, improving team productivity

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## MORE DETAILS

- Available for hybrid working
- 7+ years professional experience
- Mentorship experience
- English (Fluent), Hungarian (Native)
- Excellent problem-solving skills

### Minero IT Hungary Kft. | 2 years 6 months

#### Java Developer

- Collaborated with international teams to design and extend a specialised Java compiler, enhancing language features
- Implemented a custom Integrated Development Environment (IDE) with advanced refactoring capabilities, improving developer efficiency

#### Junior Java Developer

- Served as a liaison with German and Slovenian partner companies, facilitating effective communication and collaboration
- Assisted in designing and extending a Java compiler in partnership with international teams
- Supported the implementation of a specialised IDE featuring refactoring capabilities

### FrontEndART Software Ltd. | 2 years 3 months

#### Junior Software Developer

- Transformed FxCop analysis results into user-friendly reports, improving usability and developer adoption
- Contributed to the development of a SonarQube plugin for visualising code analysis results, enhancing code quality monitoring

#### Graduate Software Developer

- Developed a static code analysis tool in C# using the Roslyn compiler infrastructure, aiding in code quality improvement
- Calculated code metrics on a language-independent model in C++, contributing to performance optimisation

## PROJECTS & ACHIEVEMENTS

### Collaboration Team Monitoring Dashboards

Developed comprehensive monitoring dashboards for enterprise collaboration products, including messaging, groups and project updates. Provided real-time analytics and performance tracking, enabling proactive issue resolution and improved service reliability.

### PHP Infrastructure Modernisation

Containerised legacy PHP applications using Docker, resulting in consistent development environments, simplified deployment processes and enhanced scalability. Reduced environment setup time by 70% and eliminated 'works on my machine' issues.

### Test Framework Enhancement

Upgraded and expanded the functional testing framework, improving test coverage, execution speed and reliability. Implemented automated regression testing that reduced QA cycles by 30% while increasing fault detection.

### Angular Frontend Migration

Successfully led a major version upgrade of the Angular framework across multiple frontend applications. Implemented modern architectural patterns, improved build processes and enhanced performance, resulting in 25% faster load times.