Heorhi Sakalouski, Senior Full-stack Developer

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LINKS

LinkedIn, Personal web page

PROFILE

Senior Full-stack Developer with 9+ years of experience building impactful solutions across diverse domains including finance, design tools, infrastructure management, energy, banking, and automotive. Specialized in JavaScript/TypeScript, Angular, React, and .NET technologies. Strong focus on clean architecture, maintainable code, and delivering measurable business value. Track record of reducing operational times by 60x+, serving 100M+ users, and architecting solutions from concept to production.

WORK EXPERIENCE

Oct 2023 — Present

Equity Desk Developer (Senior Full-stack Developer / Tech Lead), EPAM
Málaga

Project: Trading & Investment Tools Ecosystem

Built and maintained a comprehensive ecosystem of internal tools for a hedge fund, enabling traders and investment officers to make informed trading decisions. The platform provides analytics, reporting, simulations, and automated workflows for equity trading operations.

- Lead a sub-team of 2 developers, organizing and reviewing their work
- Reduced equity setup time from ~1 hour to just a few minutes on average, dramatically accelerating time-to-trade
- Saved ~1 day per week for IO assistants through automated report generation
- Own architectural decisions for team's microservices and their integrations with broader ecosystem
- Built automated equity setup tool with progress tracking and troubleshooting capabilities
- Developed report generation system aggregating data from multiple sources into DOCX files
- Technologies: **C#, .NET 8, Python 3.9, pandas, numpy, React, Blueprint UI, TypeScript, RabbitMQ, Kubernetes, Grafana, Elasticsearch, Excel**

Nov 2022 — Oct 2023

Senior Front-end Developer, Planner5D
Minsk

Developed features for Planner5D's 2D/3D interior design editor - a platform with 100M+ users worldwide. Worked across multiple product areas including the core editor, AI-powered design tools, B2B integrations, and internal tools for 3D modelers.

- Architected and built 2D editor for modelers to simplify importing and manipulating 2D models
- Designed and implemented embeddable editor API using iframe integration with postMessage communication
- Built UI for AI-powered design reference generator that creates interior designs based on user-uploaded photos
- AI design generator attracted significant number of new subscribers to the platform
- Fixed critical modeling workflow issues for internal 3D modelers, improving their productivity
- Delivered talks at internal tech sessions (e.g., IoC containers in TypeScript with TSyringe)
- Technologies: **JavaScript, TypeScript, SVG, Paper.js, Three.js, PHP, SASS, Docker, TSyringe**

Oct 2021 — Nov 2022

Senior Full-stack Developer, Kaseya
Minsk

Developed core features for enterprise-grade Remote Monitoring and Management (RMM) platforms. These tools enable system administrators and MSPs to manage, monitor, and automate operations across thousands of machines.

- Built Group Policies system with flexible policy creation, customization per machine/group, inheritance and override capabilities
- Developed Windows daemon service that pulls policies via gRPC and applies them to managed machines
- Architected and implemented Monitoring module - comprehensive toolset for real-time machine control and metrics
- Built Workflows automation module with custom events, triggers, and error handling
- Led migration from AngularJS to Angular 10+ while maintaining backward compatibility
- Group Policies and Workflows modules received highly positive user feedback from enterprise clients
- Technologies: **C#, .NET Framework, .NET Core, MSSQL, gRPC, AngularJS, Angular 10-12, TypeScript, RxJS, Windows Services, Protobuf**

| Dec 2019 — Oct 2021 | **Senior Full-stack Developer, EPAM** | Málaga |

Developed Excel-based simulation tools and backend services for a hedge fund to validate and experiment with trading strategies.

- Migrated legacy Python scripts to robust C# microservices architecture for improved maintainability and performance
- Developed and maintained microservices for market analysis and simulations
- Implemented REST API endpoints for Excel add-in consumption
- Enabled seamless integration between Excel (trader's primary tool) and powerful microservices distributed backend calculations
- Technologies: **C#, .NET Core, Python, React, Redux, MSSQL, REST APIs, Microsoft Excel Integration, Microservices**

| Jun 2019 — Dec 2019 | **Senior Front-end Developer, Andersen** | Vitebsk |

Built an electronic catalog system enabling vehicle service centers to quickly find and order automotive parts. The platform streamlined the parts identification and procurement process, reducing downtime for vehicle repairs.

- Developed interactive parts catalog with advanced search and filtering
- Built SVG-based vehicle diagrams for visual parts identification
- Implemented complex grid systems for parts comparison and selection
- Technologies: **Angular, TypeScript, SVG, RxJS, HTML, SCSS**

| Jan 2016 — Jun 2019 | **Front-end Developer, Andersen** | Vitebsk |

Developed a comprehensive internet banking ecosystem for legal entities (corporate clients). The centerpiece was a partner acquisition platform that enabled bank partners to onboard new corporate customers.

- Architected and implemented frontend features for corporate banking interface
- Built partner-facing UI system for customer acquisition and onboarding
- Developed micro frontends architecture for modular banking modules
- Partner platform grew from 0.4% to ~24% of total legal entity leads - 60x growth
- Wrote automated tests ensuring reliability of the UI
- Technologies: **AngularJS, Angular, TypeScript, RxJS, NgRx, HTML, LESS, Jasmine, Karma**

TECHNICAL SKILLS

JavaScript	Node.js
TypeScript	SQL
Angular	MongoDB
React	Docker
CSS	Kubernetes
HTML	Paper.js
C#	Three.js
.NET	SVG

EDUCATION

| 2012 — 2017 | **Specialist Degree in Software Engineering, Vitebsk State University** | Vitebsk |

Location: Vitebsk, Belarus

LANGUAGES

Russian	Native speaker	English	C1
Belarussian	Native speaker	Spanish	B1