

ALEKSANDAR TRAJKOV

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Senior Software Engineer (.NET / Azure)

PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience designing and delivering distributed, cloud-native systems primarily on the Microsoft .NET and Azure stack. Proven track record in regulated and high-availability environments including fintech, payments, energy trading, e-commerce, and EV infrastructure. Strong focus on backend architecture, real-time communication and event-driven systems. Effective contributor in small, high-impact teams and trusted owner of critical system components in EU-based, remote-first organizations.

CORE TECHNICAL EXPERTISE

Primary Stack: C#, .NET (Framework & .NET 6–10), ASP.NET Core, Azure

Architecture & Integration: Microservices, Event-driven systems, REST, gRPC, WebSockets, SignalR

Messaging & Streaming: Azure Service Bus, RabbitMQ

Data & Storage: SQL Server, Azure Cosmos DB

Cloud & Observability: Microsoft Azure, Azure Functions, Datadog

Frontend: JavaScript, React, HTML, CSS

CI/CD & Delivery: GitHub Actions, Azure DevOps, Octopus Deploy

PROFESSIONAL EXPERIENCE

Senior software Engineer – Metergram

Jan 2026 – ongoing | EU Time zone | Remote

Backend engineer for integrations between several external systems

- Planned, developed and deployed a WebView component to extend existing functionality of external system

Senior Software Engineer - Personal Programmer

Oct 2024 - Sep 2025 | EST (Canada) Time Zone | Remote

Backend development for an e-commerce licensing platform integrating a legacy internal system with a modern, customer-facing storefront.

- Designed and implemented a secure integration between a legacy administrative license system and a new e-commerce platform, eliminating manual order processing by internal staff
- Delivered customer-specific product catalogs with tailored pricing, availability rules, and contract-based restrictions
- Built and maintained APIs supporting external consumer-facing applications developed by third-party teams
- Worked across multiple .NET runtimes (.NET Framework 4.7.2 and .NET 8), integrating REST, gRPC, and RabbitMQ-based communication
- Contributed to PCI-DSS compliance for external-facing systems handling payments and customer data
- Implemented subsidiary and regional logic enforcing currency, country, and payment method constraints

Senior Software Engineer - Metergram

Oct 2023 - Sep 2024 | EU Time Zone | Remote

Core backend engineer for a cloud-based EV charging platform supporting OCPP-compliant communication with charging infrastructure.

- Architected and implemented a WebSocket-based backend enabling real-time, bidirectional communication with EV chargers
- Delivered full support for OCPP 1.6 and OCPP 2.0.1 protocols, ensuring standards compliance and future readiness
- Designed message-processing pipelines using Azure Service Bus to decouple real-time communication from downstream processing
- Integrated new services with existing data platforms to preserve historical data integrity and continuity
- Focused on low-latency messaging, fault tolerance, and operational stability for distributed charging networks

Senior Software Engineer - Avenga (formerly Seavus)

Oct 2022 - Sep 2023 | Europe

Backend engineer on financial services projects within regulated banking environments.

- Designed and delivered a PCI-DSS compliant microservice for card payment processing

- Integrated a new external payment provider (P27) into an existing banking ecosystem
- Implemented secure APIs, validation workflows, and robust error-handling for financial transactions
- Built services supporting loan risk assessment and eligibility calculation
- Worked closely with security, compliance, and infrastructure teams to meet regulatory requirements

Senior Software Engineer - Endava

Jan 2021 - May 2022 | Europe

Senior backend engineer on a cloud-based energy trading platform operating in real-time market environments.

- Implemented background services integrating with external energy exchanges for continuous data ingestion
- Designed trigger-based workflows using Azure Functions and Azure Cosmos DB to process pricing and market data
- Delivered real-time data streaming to frontend clients via SignalR for live trading and monitoring
- Contributed to a microservices architecture focused on scalability, resilience, and high availability

Senior Software Engineer - RLDatix (formerly Allocate Software)

Mar 2016 - Dec 2020 | Sweden / EU

Key contributor to a large-scale workforce scheduling platform used across healthcare institutions.

- Delivered core functionality for a multi-tenant web platform serving a majority of healthcare providers in Sweden
- Migrated critical business logic from legacy desktop (Delphi) systems to modern web-based services
- Designed frontend architecture for new services replacing desktop applications
- Participated in automated testing initiatives including unit, integration, and Robot Framework-based tests
- Acted as a senior technical voice in design discussions and architectural decisions

EARLY CAREER EXPERIENCE (2010 - 2016)

Held progressively responsible roles in web and enterprise software development, working on frontend-heavy applications, document generation systems, and domain-specific business platforms across small agencies and consultancy environments.

EDUCATION

Bachelor of Science in Informatics

Ss. Cyril and Methodius University, Faculty of Natural Sciences and Mathematics, Skopje

Major: Internet and Mobile Technologies

Bachelor's Thesis: *Browser-based Strategy Game*

CERTIFICATIONS

Microsoft Certified Solutions Developer (MCSD): Web Applications

LANGUAGES

Macedonian: Native

English: Advanced (professional working proficiency)

Serbian & Croatian: Advanced

Spanish: Basic