Full Stack .NET Developer / Tech Lead

# MICHAEL ANDREEV

Phone: +7 (707) 125 57 00
Email: michael@andreev.tech
Website: www.andreev.tech
Address: Astana, Kazakhstan

## Objective

I'm experienced in developing high-load and fault-tolerant systems, API services and cloud-based solutions. I have deep knowledge in cross-platform .NET development, microservice architecture (Docker, Kubernetes) and popular open-source technologies. I have 10+ years' experience in .NET and have worked as a Tech Lead on several big projects. All of these helps me to provide right architectural decisions and high-quality products to my clients.

## Skills

**Software Design**
Software Architect, DB Architect, Data integration, Analytics and BI, Master Data Management

**Languages**
C#, SQL, TypeScript, JavaScript, HTML, CSS, XML (XSLT, XQuery), JSON, YAML

**Platforms**
.NET (ASP.NET Core, Blazor, WebApi, SignalR, WCF, Entity Framework, WPF, NUnit, XUnit, Orchard Core CMS, nopCommerce), Angular, Vue.js

**Bundlers**
WebPack, Gulp

**SQL Databases**
PostgreSQL, Microsoft SQL Server, Oracle Database, SQLite, MySQL

**NoSQL Databases**
Document-oriented (MongoDB), time-series (TimescaleDB, InfluxDB, Druid)

**Data Integration**
REST, SOAP, ESB, ETL, Protobuf, GraphQL, OData, WebSockets, MQ, Real-Time Streaming (Kafka)

**Cloud**
Azure (VMs, App Services, Service Bus, Event Hubs, IoT Hub, Time-Series Insights, SQL DB, CosmosDB, Functions, Key Vault, etc.), AWS, OCI

**Design Patterns**
GoF, SOLID, MVC, MVVM, IoC/DI

**DevOps**
CI/CD, Git, Docker, Podman, Swarm, Kubernetes

**Methodologies**
Agile, Scrum, TDD

**Administration**
Linux (DEB and RPM-based), FreeBSD, Windows Server, Virtualization, Storage, Networking, Server Hardware

**Security**
OAuth, SSL/TLS, Digital Signatures, Encryption, AD/Samba, LDAP

## Work Experience

**.NET DEVELOPER / TECH LEAD** - Self-Employed at Upwork - Astana, Kazakhstan - May 16 - Present

- I'm a Top Rated freelancer at Upwork (the largest global freelancing website) with 100% Job Success Score and many great feedbacks.
- I've been working with different clients (from small startups to enterprise), there are some of the jobs that I've done:
- Enterprise data exchange through external ESB system by heavy SOAP protocols (>1000 fields) with WCF and ETL processes on MSSQL DB;
- PoC for trading system for Real-Time price monitoring (1 million req/sec), based on Druid Time-Series DB, Kafka, .NET Core and Angular;
- PoC for IoT data processing in Azure Cloud (1 million req/hr): Azure IoT and Event Hubs → Azure Functions → Azure Time-Series Insights.

**.NET DEVELOPER / TECH LEAD** - ggCircuit - Remote - July 19 - July 20

- Designed architecture of company's new product (ggRock) from scratch. ggRock is a diskless boot solution that allows to boot game stations from network disks. It allows to save money on local SSDs, provides centralized management for game updates and more.
- With my participation the project has been successfully launched and switched many users from alternative solutions.
- I was able to promote Linux-based architecture to Windows team that later gave huge competitive advantages.
- Technology stack: .NET/Angular app with Linux under the hood (ZFS, iSCSI, iPXE, DHCP, TFTP, KVM components), Grafana monitoring.

**.NET TEAM LEAD / TECH LEAD** - PROGNOZ - Perm, Russia - August 08 - April 16

- I've grown from a Junior Developer into a Team/Tech Lead during working on various enterprise projects.
- I've successfully launched the huge processing system that gather all documents, required for providing government services and functions in one of the biggest cities (more than 2 million queries every day, more than 10 Tb of data).
- I've been responsible for the architectural design of main projects.

## Education

**ORACLE, MOSCOW** - Oracle Data Integrator - 2012

- 1-week course about Oracle data integration platform.

**IBM, MOSCOW** - IBM MDM Server, MDM for PIM, BPM, FileNet - 2011

- Four different courses about IBM enterprise solutions, each for 1-2 weeks.

**PERM STATE UNIVERSITY, PERM** - Applied mathematics and computer science - 2004-2009

- Specialist's degree (Master's equivalent).