Back-end .NET Developer

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Objective

I'm experienced in building of High Load and Fault Tolerant systems, API services (SOAP, REST) and Azure-based solutions. Especially I enjoy cross-platform development on .NET Core and Microservice Architecture (Docker, Kubernetes). I have 10+ years experience in .NET and worked as a Tech-Lead on several big projects in the past (mostly for Russian government). All of these helps me to provide right architectural solutions 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 (Core, Framework, ASP.NET Core, ASP.NET MVC, ASP.NET WebForms, WCF, WebApi, SignalR, Entity Framework, WPF, WinForms, XUnit), Angular

Bundlers
WebPack, Gulp, WIX Toolset

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

NoSQL Databases
Document-oriented (MongoDB), time-series (Apache Druid)

Data Integration
SOAP (WSDL, Schematron), REST, ESB, ETL, Protobuf, 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.)

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

DevOps
CI, CD, Containerization (Docker), Orchestration (Swarm, Kubernetes)

Methodologies
Agile, Scrum, TDD

Administration
Linux (RHEL, CentOS, CoreOS, Debian, Ubuntu, etc.), Windows Server (GUI and Core), VMware vSphere

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

Work Experience

BACK-END .NET DEVELOPER - Self-Employed - Perm, Russia - May 16 - Present

- I have automated from scratch a documentary flow for one large enterprise system. I integrated it with another systems via external ESB system by provided protocols (extra huge SOAP specs, which included more than 1000 data fields). It used next technologies: MSSQL (staging tables and ETL processes), WCF, Quartz.NET Scheduler, Automapper for Data-Transfer-Objects transformation.
- I have made a Proof-Of-Concept for one trading platform for real-time data processing of securities prices from different Exchanges. It was able to process millions of requests per second, store all these data in Time-Series DB and provide analytics in real-time. It used next technologies: TCP → .NET Core → Kafka → Druid → ASP.NET Core → SignalR → Angular → TechanJS (D3-based charts)
- I have made a Proof-Of-Concept for IoT data processing in Azure Cloud (a million of requests per hour): Event Hubs → IoT Hub → Azure Functions → Time-Series Insights

.NET TEAM LEAD/TECH LEAD - Pro IT Resource - Perm, Russia - September 14 - April 16

- I worked on enhancement of the processing system that gather all documents, required for providing government services and functions in Moscow. I had started developing this system early in the PROGNOZ company (the Pro It Resource company was dedicated from it).
- Under my leadership a great work had been done to improve performance and reliability (significant code and DB optimization, clustering and load-balancing, reservation, queries prioritization), dedicated 4 deployment environments (dev, test, stage, prod), introduced Continuous Integration (CI), launched Scrum for effective management, assembled first-rate team, with whom I still keep in touch.

.NET TEAM LEAD/TECH LEAD - PROGNOZ - Perm, Russia - August 08 - September 14

- I worked on different projects for the Government of the Russian Federation and grew from a Junior Developer into a Team/Tech Lead.
- I have brought quality of software development in the department to an entirely new level: implement multi-tier architecture, design patterns, unit testing, visual data modeling and software design.
- I was responsible for the architectural design of main projects.

Education

ORACLE DATA INTEGRATOR - Oracle - Moscow - 2012

- 1-week course.

IBM MDM SERVER, MDM FOR PIM, BPM, FILENET - IBM - Moscow - 2011

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

APPLIED MATHEMATICS AND COMPUTER SCIENCE - Perm State University - Perm - 2004-2009

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