

Sergey Polyakov

.net developer

C# , .NET Core, .NET Framework

Contacts

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About

C# Developer. Implemented numerous projects from scratch and worked on existing solutions.

Experienced in developing web applications (Full-Stack/Backend), APIs, services and microservices (Windows, Linux), and integrations with third-party data and service providers.

Proficient in development tools and related technologies. Continuously improving professional skills and learning new technologies.

Master's degree in Software Engineering.

Experience

.NET Core Backend developer

[Mercury Development \(mercurydevelopment.com\)](https://mercurydevelopment.com)

August 2023 - present

- Development of backend applications in C# .NET Core, microservice architecture, API development
- Entity Framework, Multithreading, Asynchronous programming, Linq2Couchbase, Message brokers, integrations with Google, AWS, Facebook
- RabbitMQ, Kafka, Kibana, Grafana, Kubernetes, Docker, Serilog, AWS, Google API, NoSQL, RESTful APIs, Worker Services, Background Jobs
- PostgreSQL, Couchbase, MongoDB
- AWS infrastructure setup and configuration for applications, GitLab CI configuration
- Migration of applications from Node.js to .NET Core

C# ASP.NET MVC, .NET Core Developer

[Kosta, information technologies \(www.kostasoft.ru\)](http://www.kostasoft.ru)

October 2016 - August 2023

- Development of applications in C# (web applications, APIs, desktop applications, Windows and Linux services)
- Building applications from scratch
- Adding new features and maintaining existing applications
- Integration with third-party services and APIs
- API design and development
- Application architecture design
- Migration of an application to a microservice architecture
- Working with WinForms, WPF, PWA

- Migration of projects from .NET 4.7 to .NET 7+
- Working with HAPI FHIR, SOAP, TCP, HTTP/HTTPS, RabbitMQ, gRPC, RESTful APIs
- Development technologies: C#, ASP.NET MVC, ASP.NET Core, Worker Service, Entity Framework, ADO.NET, Multithreading, LINQ, WCF, jQuery, JS, SQL, DevExpress
- MS SQL, PostgreSQL

C#, ASP.NET MVC Developer

[QMOBI \(qmobi.com\)](http://qmobi.com)

October 2015 - September 2016

- Development of an application for mobile marketing automation (a platform for mobile application promotion)
- Development technologies: C#, ASP.NET MVC, Entity Framework, Multithreading, LINQ, WCF, AngularJS, jQuery, JS
- Unit and integration tests
- RabbitMQ, MS SQL
- Microservice architecture

DevOps / System Administrator

[NixSolutions \(www.nixsolutions.com\)](http://www.nixsolutions.com)

September 2011 - October 2015

- Administration and support of Linux and Windows servers
- Monitoring of servers, services and websites
- Configuration and deployment of required services and software (DB, Redmine, RabbitMQ, nginx/Apache, postfix/exim/dovecot, etc.)
- Server setup from scratch based on customer requirements

Education

2008-2014

Master's Degree

Kharkiv National University of Radio Electronics

Faculty of Computer Science, Major in Software Engineering

Key Skills

.NET Framework

C#, .NET Core, Entity Framework, ADO.NET, Multithreading, Asynchronous programming, Reflection API, ASP.NET MVC/Core, Windows Forms, WPF, Worker Service, Background Jobs

Frontend

HTML, CSS, JavaScript, jQuery, Bootstrap

Protocols and technologies

SOAP, TCP/IP, FHIR, gRPC, HTTP, RESTful APIs, RabbitMQ, Kafka, SQL/NoSQL

Other

PostgreSQL, MS SQL, Couchbase, Kibana, Grafana, Kubernetes, Docker, Serilog, AWS, Google API, IIS, Apache, Nginx, Linux, Git