Leonid Petrov
.NET Software engineer

Software Engineer with over 7 years of professional experience specializing in .NET frameworks, MS SQL RDBMS, and Azure cloud services. Developing, deploying, and maintaining production-level applications using ReactJS. Skilled in mentoring junior to mid-level engineers and well-versed in both Iterative Waterfall and Agile project management methodologies.

⊙ Antalya, Türkiye

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🔗 ungerfall.github.io

in leonid-petrov-803808195 (LinkedIn)

⌂ Ungerfall (GitHub)

Work

EPAM Systems

Senior software engineer

Jun 2022 – Present

Data transfer system of an alternative investment platform

- Fixed and improved integration tests during project onboarding
- Helped to onboard two developers
- Improved observability of the data transfer system using observable monitoring and notifications
- Migrated net48 and netcore3.1 to net6.0 target framework

Build engineer

Jun 2023 – Oct 2023

New AI assisted (Open AI API: chatgpt and vectorization) system for e-commerce sites research which started as an AI hackathon project

Senior software engineer

Jan 2022 – Jun 2022

A key developer for a new cloud native educational platform to integrate internal and external systems

- Azure (Cosmos DB, Functions, Logic Apps), .net 6, ReactJS
- Developed and designed React application
- Developed and designed ASP.NET Core WebApi
- Developed data access layer for CosmosDB

Software engineer

Jan 2021 – Jan 2022

New system to automate loan usage monitoring

- ASP.NET Core, EF Core, MassTransit, OData, SignalR
- Designed database structure for the main business processes (Funds transfer, Credit products repayment)
- Developed several HTTP services using ASP.NET Core with OData support for filtering and pagination
- Developed Notification Hub Web API using SignalR

Software engineer

Dec 2017 – Jan 2021

A large and complex securities operations back-office system

- MSSQL, .NET Framework, RDLC reports
- Enhanced personal income taxes calculation system with new business rules, law amendments
- Maintained integration service
- Developed RDLC and XSLT reports
- Optimized SQL stored procedures

Junior software engineer

Sep 2016 – Dec 2017

Request and storage of credit score information in a banking system

- .NET Framework, MSSQL, WCF
- Developed an adapter for a 3rd-party API
- Developed WCF service contracts
- Maintained stored procedures and unit tests

Volunteer

EPAM eKids

Teacher
Aug 2022 – May 2023

The Introduction to Programming with Scratch, a block-based visual programming language developed by the MIT Media Lab, this course aims to cultivate logical reasoning, problem-solving skills, and an understanding of computational thinking.

- Awarded 'EPAM eKids Guru'
- Developed chess game viewer in Scratch
  https://github.com/Ungerfall/learning-scratch/tree/main/chess

Education

Kalashnikov Izhevsk State Technical University

Software Engineering

Sep 2011 – Jul 2015

Bachelor

Certificates

Microsoft Certified: Azure Developer Associate

Issued by **Microsoft**

Jul 2020

MCSA: SQL 2016 Database Development

Issued by **Microsoft**

Jan 2021

AWS Certified Developer – Associate

Issued by **Amazon Web Services Training and Certification**

Nov 2021

Microsoft Certified: Azure Cosmos DB Developer Specialty

Issued by **Microsoft**

Jul 2022

Microsoft Certified: Azure Cosmos DB Developer Specialty

Issued by **Microsoft**

Jul 2022

Associate Cloud Engineer

Issued by **Google Cloud**

Jun 2023

Skills

Back-end

.NET C# MSSQL

ASP.NET Core Azure

Azure Cosmos DB

DevOps

Azure GCP AWS GitLab

Front-end

React JS TypeScript

Leadership & Soft Skills

Developing Others Mentoring

Giving Feedback

Languages

English
B2

Russian
Native

Interests

Chess

Bicycle

References

Leonid joint the project and quickly learned the technology stack we were using. During his participation he always came with great quality code, fully tested and even provided feedback about the requirements and possible issues. He was on a different timezone, but he managed to stay after his working hours to overlay customers timezone and provide support when needed. He is a nice person and a great team member which always provided good feedback on peer's code and helped onboarding new team members.

— Thiago Fernandes Custodio, Solution Architect, EPAM Systems

Throughout the work on the project I was repeatedly convinced that Leonid has a well-developed problem-solving skill. He perfectly understood the root cause of a problem and could effectively solve it. Moreover, the solutions were not some kind of crutches. In one case, the proposed and implemented solution was highly versatile that we started used it in different application modules. Ultimately, this allowed us to reduce amount of code and improve maintainability.

— Aibulat Akhmentov, Team Lead, EPAM Systems

Leonid is a competent full stack developer. With deep knowledge in databases and clouds (AZURE and AWS). This is confirmed by excellent feedbacks from projects and certificates. In addition to project activities, py proved himself as a L&D mentor (22 times, 5 different mentoring programs) and community speaker (5 times), participated in project interviews as an interviewer.

— Alexandr Usynin, Resource Manager, EPAM Systems