

# MIKHAIL KRASILNIKOV

## FULLSTACK SOFTWARE ENGINEER

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I am a full-stack software developer with over 12 years of professional programming experience in designing and developing commercial applications.

### Skills

Backend	C# (.NET/.NET Core), GoLang (Gin), JavaScript/TypeScript, Python
Frontend	Angular, Vue.js, ASP.NET, JavaScript/TypeScript, HTML, CSS, WPF
Database	T-SQL (MS SQL), SQL/PSM (MySQL), PL-SQL (PostgreSQL, Oracle), MongoDB, Redis, CosmosDB, DynamoDB
Tools	Docker, Kubernetes, Azure DevOps, GitHub Actions, AWS CodePipeline, Octopus, Jenkins, TeamCity, Okta, Jira
Clouds	Azure, AWS, GCP

### Experience

#### Lead Software Engineer at EPAM Systems SanJose, CA, USA **11/2021 - Present**

Environment: AWS, C# (.NET Core 6.0), Vue.js, JavaScript/TypeScript, HTML, CSS, Python 3.9, Docker, Jenkins, MySQL, NUnit

- Developed cloud-native Execution Compliance and Trade Surveillance System.
- Designed and implemented a web dashboard for monitoring and analyzing using Vue.js.
- Developed backend services following a RESTful approach using .NET Core.
- Implemented event-driven workflow of loading and parsing large data files with Amazon SQS and AWS Lambdas written in Python.

#### Lead Software Engineer at EPAM Systems Wroclaw, Poland **05/2019 - 11/2021**

Environment: Azure, C# (.NET Core 6.0), Angular 13, JavaScript/TypeScript, HTML, CSS, Go Lang, Azure DevOps, OKTA, Cosmos DB, Redis, xUnit

- Designed and developed a cloud-native microservice-based system for managing insurance claims, underwriting, and reporting.
- Developed a web self-service portal using Angular, and RESTful Web APIs using .NET Core.
- Implemented performance-critical internal services using GoLang with Gin web framework.
- Achieved and maintained 80% code coverage by unit and contract tests, and established automated quality gates in CI/CD.

#### Senior Software Engineer at Credit Suisse Wroclaw, Poland **09/2015 - 04/2019**

Environment: C# (.NET Core 2.1 and .NET 4.6), WPF, WCF, EF, MS SQL, MS SSAS, TeamCity, Jenkins, NUnit

- Developed a risk management desktop application for the Credit Suisse front office using WPF and C#.
- Converted an existing backend monolithic architecture into microservices and implemented new RESTful Web APIs using .NET Core.
- Maintained and improved the performance of the in-house distributed cache written in C#.
- Supported worldwide users as a part of the SL3 team.

#### Senior Software Engineer at Sintegro Soft (contractor at Yandex) Moscow, Russia **09/2014 - 09/2015**

Environment: C# (.NET 4.5), ASP.NET Web API, ASP.NET MVC 5, JavaScript, HTML, CSS, WPF, MS SQL, NUnit

- Developed a payment system that allows employees to pay for lunch at nearby cafes and restaurants with the office access card (RFID tag)
- Developed a personal page for users, a desktop application for administrators, and payment service middleware.
- Participated in the software integration process.

#### Software Engineer at Gollard Moscow, Russia **07/2013 - 08/2014**

Environment: C# (.NET 4.5), WPF, WCF, ASP.NET Web API, Esri ArcGIS, MS SQL, MySQL, NUnit

- Developed a desktop GIS application for an energy distribution company that deals with electrical grids, stations, and facilities.
- Implemented real-time tracking of service transport location and engine state.
- Developed an alerting system that uses biometric data from cameras and events from sensors.

#### Software Engineer at SGC Moscow, Russia **08/2012 - 07/2013**

Environment: C# (.NET 4.0), WPF, SOAP, MS SQL

- Developed software for composing estimates to determine the cost of construction.
- Added functionality for converting files from other well-known systems for composing estimates available on the market.
- Implemented logic that allows exporting the final result to Excel, Word, etc.

#### Software Engineer at Research and Production Center "Start" Penza, Russia **09/2010 - 07/2012**

Environment: C# (.NET 3.5), WinForms, SOAP, MS SQL

- Developed in-house CAD for designing microboards.
- Implemented functionality for printing photomasks of microboards using special equipment.
- Added the possibility to import AutoCAD files.

### Certifications

Azure Solutions Architect Expert	Microsoft	<b>06/2020 - 06/2023</b>
Professional Cloud Architect	Google	<b>10/2020 - 10/2022</b>
AWS Certified Solutions Architect – Associate	Amazon	<b>04/2021 - 04/2024</b>
DevOps Engineer Expert	Microsoft	<b>12/2020 - 12/2023</b>
Azure Developer Associate	Microsoft	<b>05/2020 - 05/2022</b>
Associate Cloud Engineer	Google	<b>09/2020 - 09/2022</b>

### Education

Bachelor's degree, Design and technology of radio-electronic devices	Penza State University	<b>09/2006 – 06/2013</b>
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