

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), JavaScript/TypeScript (Express.js), GoLang (Gin), Python (Flask)
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

San Jose, CA, USA 11/2021 - Present

Environment: AWS, C# (.NET Core 6.0), Vue.js, JavaScript/TypeScript, HTML, CSS, Python3, Docker, Jenkins, MySQL, NUnit

- Created Execution Compliance and Trade Surveillance System for analysis of trading activities to ensure regulatory compliance.
- Engineered a Vue.js-based web dashboard for monitoring, analyzing, and visualizing data.
- Designed and developed high-performance .NET Core backend services, resulting in a scalable and maintainable architecture.
- Implemented an event-driven workflow that utilized Amazon SQS and AWS Lambdas, written in Python, to efficiently load and parse large data files, reducing processing times and increasing overall system throughput.

Lead Software Engineer at EPAM Systems

Wroclaw, Poland 05/2019 - 11/2021

Environment: Azure, C# (.NET Core 3.1, 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.
- Created an intuitive self-service portal using Angular, improving customer satisfaction while reducing customer support inquiries.
- Developed highly scalable and reliable RESTful microservices in .NET Core, resulting in improved efficiency and cost savings.
- Implemented performance-critical internal services using GoLang, resulting in faster and more accurate claims processing.
- Ensured high software quality with 80% code coverage and automated quality gates in CI/CD, reducing maintenance costs.

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

- Created a high-performing desktop application for Credit Suisse's front office to manage market risks in real time using WPF and C#.
- Restructured an existing monolithic architecture into microservices, providing more flexibility and scalability while improving performance.
- Implemented automated testing, reducing the likelihood of bugs and errors and increasing the overall reliability of the system.
- Optimized the performance of the in-house distributed cache, leading to faster processing times and greater efficiency in C#.

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 streamlined the process of paying for lunch at nearby cafes and restaurants using the office access card (RFID tag), resulting in improved efficiency and convenience for employees.
- Designed and developed a user-friendly personal page for employees, enabling them to view their transaction history and account balance.
- Created a desktop application for administrators that simplified the process of managing employee accounts and generating reports.

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

- Created a GIS desktop app for energy distribution company handling grids, stations, and facilities, improving overall operational efficiency.
- Enabled real-time tracking of service transport location and engine state, enhancing the company's logistical capabilities.
- Implemented an alerting system that utilizes biometric camera data and sensor events, increasing the company's security posture.

Software Engineer at SGC

Moscow, Russia 08/2012 - 07/2013

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

- Developed software that composes accurate construction cost estimates, which resulted in a 25% reduction in estimate preparation time.
- Improved software flexibility and saved valuable time by adding the ability to convert estimates from other well-known systems.
- Streamlined report creation process by enabling final estimate result export to various formats, providing customization options for users.

Software Engineer at Research and Production Center "Start"

Penza, Russia 09/2010 - 07/2012

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

- Developed an in-house CAD tool for designing microboards, including the ability to import AutoCAD files.
- Implemented a feature that enables the printing of photomasks for microboards using specialized equipment.
- Optimized the CAD tool for faster and more efficient microboard design, resulting in a 30% reduction in design time.

Certifications

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

Education

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