



# SERGE BACHT

## Software Engineer

Senior Software Engineer with **10+ years** of experience in designing and delivering **scalable, high-performance** software solutions. Expertise in **cloud-native development (Azure)**, **microservices**, and **DevOps**. Strong leadership skills, mentoring junior engineers, conducting **code reviews**, and driving **software architecture decisions**

### Core Competencies

**Backend:** .NET Core, NodeJS

**Frontend:** Angular, React, TypeScript

**Cloud Platforms:** Microsoft Azure

**Database:** SQL Server, NoSQL (Cosmos DB)

**DevOps & CI/CD:** Git, CI/CD, Docker, Kubernetes

**Project Leadership:** Technical Leadership, Code Reviews, Mentoring

### Contact Details

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### Education

 Bachelor of Communications Systems and Networks  
**St. Petersburg University of Telecommunications**  
2011 - 2015

### Certifications

**Microsoft Certified Professional DevOps Engineer Expert**  
**Azure Developer Associate**  
**MCSA: App Builder**  
**MCSA: Web Applications**

### Citizenship

Germany  
Russia

### Languages

English  
German  
Russian  
Ukrainian  
Spain (leaning)

### Hobby

Sailing (Skipper license)  
Hiking  
Cycling

### Professional Experience

#### Senior Software Developer | Ascent

**Germany, Munich | 2019 – 2025**

I've had the opportunity to shape a microservices-based platform from the ground up. This project allowed me to apply my expertise in .NET and Angular while exploring the vast capabilities of Azure. Leading a talented team, we worked closely with stakeholders, translating their vision into a functional and elegant solution. Each day brought new challenges, from integrating complex systems to fine-tuning the user experience, and I took pride in mentoring the team, sharing knowledge, and fostering a collaborative environment.

#### Software Developer | IF-Blueprint

**Germany, Munich - Unterhaching | 2017 – 2019**

My time here was marked by the transition from traditional development practices to embracing the cloud. I was involved in designing and maintaining enterprise-level applications, where I honed my skills in both .NET and Angular. One of the more rewarding aspects of this role was migrating legacy systems to modern frameworks, a task that required careful planning, teamwork, and a deep understanding of both the old and new technologies. It was a period of growth, where I learned to balance innovation with practicality.

#### Software Engineer | Tieto

**Russia, St. Petersburg | 2015 – 2017**

In this position, I immersed myself in full-stack development, contributing to web applications that were integral to the company's operations. Working with ASP.NET MVC and Angular, I enjoyed the creative process of designing intuitive interfaces that users would find both functional and enjoyable. The role also involved a great deal of troubleshooting and problem-solving, particularly when integrating third-party services. This experience reinforced my ability to stay calm under pressure and think critically about how to best meet the needs of both the business and its users.

## Projects Experience

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**01/2024 to 06/2025**

**Client: Reinsurer**

### **Project: Live insurance automation system**

As the Tech Lead on this project to the present, I spearheaded the development of a cloud-native, microservices-based architecture utilizing .NET Core, Azure Functions, and Azure Data Factory. I guided the team in implementing an event-driven system integrated with Azure Service Bus and Azure Batch for scalable, asynchronous processing. My role also involved ensuring secure and efficient communication between services, optimizing CI/CD pipelines with Azure DevOps, and maintaining a high standard of code quality and system performance.

**Technologies: C#, .NET 6/8/9, EF Core, Service Bus, Azure DevOps, Application Insights, Azure Functions, Docker, Kubernetes, XUnit, Moq, CQRS, CosmosDB, Entra ID**

**10/2022 to 01/2024**

**Client: Reinsurer**

### **Project: Geo Data Service**

Involved in the development, maintenance, and DevOps operations to ensure the smooth operation of the Geo Data Service.

**Technologies: Azure DevOps, SOAP, REST API**

### **Project: Identity Management**

Developed identity management solutions, including customer registrations, self-service account management, consent and preference management, Single Sign-On (SSO), Multi-Factor Authentication (MFA), access management, directory services, and data access governance.

**Technologies: Azure B2C, Azure DevOps, .NET Core, Angular, Terraform, SQL Server, Cosmos SQL, OAuth 2.0, SAML, Azure Service Bus, Azure ASE**

**07/2019 to 05/2020**

**Client: Reinsurer**

### **Project: Underwriting Engine**

The underwriting engine extends traditional actuarial models with machine learning models. It automates the underwriting process and makes this decision traceable via (RESTful) API calls, facilitating integration into customer systems over time.

**Technologies: NodeJs, JavaScript, Cosmos DB, Docker, Kubernetes, Azure DevOps**

**07/2018 to 07/2019**

**Client: Reinsurer**

### **Project: NDA**

Developed a web application for insurance data calculation.

**Technologies: Angular 7, Angular Material, d3, ASP.NET Core 2.1, Microsoft SQL, Azure DevOps**

**10/2015 to 05/2017**

**Client: MEGA-IKEA**

**Project: Customer Portal**

Implemented a web frontend for portfolio management, analyzed requirements, and developed a Single Page Application with lazy loading routing. Utilized Domain Driven Design and developed a provisioning tool with PnP PowerShell.

**Technologies:** Office 365, SharePoint Online, SharePoint 2013/2016, PowerShell, TypeScript, Angular, REST API, Azure, ReactJS, Redux

**03/2015 to 10/2017**

**Client: Finance**

**Project: NDA**

Designed and implemented a SharePoint 2013 Farm Solution to integrate consent requests for external SharePoint users. Developed a consent workflow based on SharePoint 2013 Event Receivers using .NET Framework, HTML, and CSS customization. Extended existing applications using KnockoutJS and REST API. Contributed to user interface design and concept.

**Technologies:** SharePoint 2013, PowerShell, JavaScript, KnockoutJS, ASP.NET, REST API

**08/2013 to 09/2015**

**Client: Data Center**

**Project: NDA**

Developed new components for business applications and transitioned from Silverlight to JavaScript Single Page Web Applications. Created automated unit tests.

**Technologies:** .NET Framework 4.5, Entity Framework (EF), TypeScript, AngularJS, Kendo UI, SQL Server 2012, Internet Information Server, Nunit