

## Dmitry Lukyanov

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### PROFESSIONAL SUMMARY

Lead Software Engineer with over 13 years of experience in the .NET stack, specializing in web and desktop applications, integration platforms, and scripting with Python and Bash. Possess advanced expertise in the MongoDB stack and familiarity with Azure and AWS cloud platforms. Proficient in both backend and frontend development. Have experience working on large enterprise projects as well as startups. Actively investing time in AI technologies. In recent years, focused on leadership, mentoring, and team coordination, including managing development teams and streams.

### SKILLS

• **.NET stack:** ASP.NET MVC / Web API, Entity Framework, WPF, LINQ, Multithreading • **AI:** Semantic Kernel, LangChain • **Core technologies:** MongoDB, JavaScript (React), GraphQL, SignalR, Docker, Python, Bash scripting, RabbitMQ • **Clouds:** Microsoft Azure services: CosmosDB, Azure Functions, Azure Durable Functions, Azure Service Bus, Azure Logic Apps, Azure Blob Storage, Azure KeyVault, Azure DevOps, ARM • **Relational databases:** MSSQL, Oracle • **CI/CD:** Evergreen, GitHub Actions • **Payment services:** Stripe • **Methodology:** Scrum, Kanban, TDD

### PROFESSIONAL EXPERIENCE

#### Team Lead & Technical Lead & Architect

May 2023 – Present

**Company:** Epam Systems. **Customer:** A huge company in finance, media, data management, and more.

- Architected the migration of a large external codebase into the customer's ecosystem, including a comprehensive application redesign. Developed a detailed roadmap for transitioning from SQL to MongoDB, on-premises infrastructure to Azure, legacy systems to modern .NET stacks, and TFS to GitHub.
- Established build and release processes in my department including DevOps pipelines.
- Integrated OpenAI API and stripe payment system.

#### Lead Software Engineer

Oct 2018 – May 2023

**Company:** Epam Systems. **Customer:** MongoDB Inc. **Project:** MongoDB .NET Driver.

- Added support for client-side encryption. One component of it is external KMS systems later became the basis to support modern authentication mechanisms like OIDC which also added.
- Implemented compression functionality on the wire level as well as embedded Google Snappy and Facebook Zstandard native compression libraries.
- Added official support for Linux and MacOS operating systems, and configured CI for testing on these platforms.
- Implemented streaming server health monitoring protocol that made the load on network in monitoring threads two times smaller. Also added support of external load balancing tools like nginx.

#### Senior Full Stack Engineer

Mar 2017 – Oct 2018

**Company:** Epam Systems. **Customer:** Lookers. **Project:** Web portal for selling cars.

- Successfully migrated a legacy ASP.NET MVC application to Azure, including redesigns of both the backend and frontend layers. The original monolithic architecture was reimplemented into a Service-Oriented Architecture (SOA).
- Conducted Scrum meetings with team members and stakeholders, providing leadership and guidance to subordinates.

### PREVIOUS EXPERIENCE

*Senior Software Engineer* (Jan 2015 – Feb 2017), *One Call medical*. Project: Hospital-Insurance Integration System.

*Senior Software Engineer* (Oct 2012 – Dec 2014), *Sberbank*. Project: A system to manage stocks and related transactions.

*Junior/Middle Engineer* (Jul 2011 – Sep 2012), *Turkcell/Life*. Project: Payment system.

### EDUCATION

Belarusian State University of Informatics and Radioelectronics • 2006-2011 • Bachelor • Computer Science