# ALEKSANDR BARMIN

## MOTIVATED AND EFFICIENT SOFTWARE ENGINEER, TEAM LEADER, SPEAKER AND MENTOR.

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**Profiles:**
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**Buzzwords aka Skills:**
Java, Spring Framework, Hibernate, AWS, Kotlin, Groovy, Python, Docker, JavaScript, TypeScript, IBM Domino, IBM FileNet, IBM Content Navigator, Angular, AngularJS, React, jQuery, Dojo Toolkit, Jenkins, CI/CD, GTD

### Profile

On a daily basis I'm using **Java stack** and happy to work with both **Java SE** and **Java EE**, using **Spring**, **Quarkus** and other micro-frameworks like **Javalin**. If necessary I can also build a **rich-UI** using modern **SPA** frameworks like **Angular** (and **AngularJS** as well), **React** or **Vue** in both **JavaScript** and **TypeScript**. Depending on the task I'm working on I can use **Python**, **Groovy** or **bash** for automation of the routine tasks like creating **Jenkins** build and deploy pipelines.

As a **T-Shaped** engineer I have experience in different areas, these are the major ones:

- **back-end** with Java (Spring Framework, Java EE, Quarkus, Javalin, SQL, etc., 11 years, expert level), IBM Domino (LotusScript, @Formula - 6 years, expert level), LAMP (6 years with average experience level), MEAN (3 years, advanced level);

- **frontend** with JavaScript and TypeScript (vanilla JavaScript, jQuery, AngularJS, Angular, React, VUE, 10 years in common and advanced level);

- **DevOps** the with work visualisation, continuous feedback and relentless learning (5 years with average level);

- 5 years of managerial experience on **team-lead** and resource manager positions.

Besides the skills listed before I also have good **presentations** and **experience-sharing** skills, using **GTD** techniques on a daily basis, interested in the data analysis with **Python** and cloud computing with **AWS**.

I've participated in more than **8 production projects** during last **11 years** of experience. I've started number of projects **from the very beginning** - from the technical design, establishment of the development and deployment processes, and **till roll-out** on-site together with engineers from the Customer side. I was **leading development** and acceptance, acted as a **SWAT engineer** during deployments and parallel work periods.

Currently, I'm looking for new opportunities and **open to relocation**.

### Experience

**Lead Software Engineer, EPAM Systems; Saint-Petersburg, Russia — 2017-Present**

EPAM is a service company so I've had an opportunity to take part in many projects in different roles.

- As a lead software engineer, I planned and executed the **takeover process** – our Customer decided to disband the development department and transfer two projects to EPAM. As a part of a group, I've **received knowledge** regarding the business domain, **current processes** and communication plans with other teams. When the group get back to Saint Petersburg, I've **assembled the team and continue the development**.

- Currently I'm playing role of a **team leader** and lead development in a distributed multicultural team. For the Customer I'm **the first point of contact** and the main person who collaborate and organise collaboration of different teams regarding **end-to-end design and implementation**, detect possible implementation issues. Also, I've established the onboarding process, facilitated filling the project's knowledge based and conduct regular retrospectives.

- As a tech leader I've **established full cycle of development and delivery** of a horizontally scaled enterprise LOB application inside on-premise cloud that allowed to deliver the solution in-time. Next, I've **analysed and spot performance** issues in the application, implemented PoC and next led its implementation that allowed to **reduce content delivery time** from two weeks to two days.

**Solution Architect, ITCorp; Ufa, Russia — 2015-2017**

Before I joined EPAM I acted in different roles – as a full-stack engineer, team leader and architect. Also, I led development of data-centric applications for such customers as **Aeroflot** (number one air carrier in Russia) and **RosNeft** (the largest global oil and gas corporation).

ITCorp is product company that is focused on **ECM solutions**, so, I was working in this subject area but in different business domain.

As a solution architect I've designed and implemented **a scalable document storage** on the top of IBM Lotus Domino. The main limitation of the platform that a single database can't hold more than 64GB of documents that is too few for a large business. So, the solution I've designed allowed to store much more data and have acceptable level of performance.

At the same time I was involved in the **SWAT activities** during EMC rollouts. During one of rollouts I've participated, the distributed EMC installation didn't manage to sync data between sites because of unstable connection. Working

on-site I've implemented a fix that allowed building alternative routes between hosts and avoid using unstable paths.

Senior Software Engineer, ITCorp; Ufa, Russia - 2011-2017
Acting as a senior software engineer, I've implemented many features for the OEM ECM solution. This application has been developed for almost 25 years using IBM Lotus Domino as a platform and LotusScript as a programming language and was completely written in procedural style. Besides that I've **designed an object-oriented domain-specific language** and **MVC framework** that significantly increased **developer's productivity** and allowed having "write once run anywhere" approach for both thin and thick clients.

## References

I've conducted **many talks** during different events, but the majority of talks are in Russian, however, you may find them interesting:

- **You write it with Spring - you test it with Spring**, EPAM ZED 2020 https://community-z.com/events/zed-conference/talks/6604

- **Microservices with Spring Boot and Spring Cloud**, DSC 2019, https://www.youtube.com/watch?v=2yAbbsuNBPc

- **SOLID in Practice**, TechTrain 2019, https://www.youtube.com/watch?v=StWB7NJjPZc

Also, you may find my **GitHub profile** interesting: https://github.com/aabarmin

## Education

Ufa State Aviation Technical University, Ufa, Russia
- 2017 - Phd in computer science

- 2016 - Master's degree in computer science

- 2011 - Engineer, computer science in economics