

Alexander Salimonov

Current position Engineering Manager / Software Architect
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Languages Russian (native), English (upper-intermediate)
Active visa Schengen, U.S.
Date of birth 29.07.1988



Background Summary

- 11 years of experience in software industry
- Wide experience in SW development: design from scratch and operation of data-intensive distributed systems
- Experience in systems integration
- Experience in calculation of reliability of the system, development of SLA and SLO.
- Experience in project management (PMBOK): planning, scope management, estimating, risk and resource management
- Wide experience in establishing and optimization of working processes with Agile approach, people management and overseeing implementation and operation
- Good communication and presentation skills
- 3 years of experience in Java Platform, 2 years of experience in Python, 5 years of experience in .NET

Skills

Platforms: MS Windows Server 2018, Amazon Web Services, Microsoft Azure.
Linux: Ubuntu 16/18, Red Hat Enterprise Linux 7.

- Python 2/3
- Java HotSpot VM (Java SE 8)
- .NET Framework 4.6, .NET Core 2

Architecture approaches: Systems design, Domain-driven design (DDD), service-oriented architecture (SOA), microservice architecture.

Methodologies and practices: unit testing, integration testing, continues integration, continues delivery.

Operational tools and services: VictorOps, PagerDuty, Datadog, logz.io, Grafana, Elastic-stack (ELK).

Issue tracking: Jira + JQL

Modeling and design tools: Sparx Enterprise Architect, ArchiMate, FreeMind.

Programming Languages: Python, C#, Scala, SQL, bash.

Databases: PostgreSQL, Microsoft SQL Server, Elasticsearch, MongoDB.

Message brokers and service buses: RabbitMQ, Kafka.

Key JVM and Scala frameworks, libraries, technologies: Akka, Akka-HTTP, Play Framework, netty, Breeze, Dozer, Guava, Ebean ORM, log4s, circe.

Key Python frameworks, libraries, technologies: Django, Celery, Luigi, boto3, pandas, NumPy, matplotlib, pymongo, click.

Key .NET frameworks, libraries, technologies: ASP.NET Web API, WCF, Proto.Actor, Nancy, Polly, Entity Framework, Dapper.

ALM, Version control, automation servers: GitHub, GitLab, Visual Studio

Online, Git, Perforce, TeamCity, Jenkins, Octopus Deploy.

Virtualization and containers technologies: Docker, VirtualBox, VMWare.

Other: Ansible, Terraform, Confluence

Employment

Bekitzur, Inc.

Engineering Manager (since Jan 2018)

Leading, management of the team, responsible for design, development and facilitating of a platform for gathering and analysis data from social media sites.

Improving of internal working processes with Agile approach

Participating in open source biotech project Outlier Bio Pipelines - [GitHub](#)

Responsibilities:

- architectural reviews and continuous improvement of solution's architecture to satisfy new business needs
- planning, scope management, scheduling, resource management
- direct review and approve product design and changes
- recruit employees, assign, direct, and evaluate their work;
- oversee the development of staff competences
- develop and implement policies, standards and procedures for the engineering and technical work performed in the departments
- Python development
- Design documentation, researches and proposals creation

"MERA NN", LLC.

Software Architect (May 2016 – Dec 2017)

Design and development of white label service which establish interoperability with The European Electronic Toll Service (EETS).

Helped to build the teams from scratch.

Responsibilities:

- requirement gathering and analysis
- high-level design, architectural reviews
- communication with other technical leads and architects, interoperability with other systems
- product specifications, calculation of reliability of the solution
- development of disaster recovery plans
- planning and defining workflow
- software quality
- development on server side of the solution.

"MERA NN", LLC.

Team Leader (July 2015 - May 2016)

Responsibilities:

- team leading
- planning and defining workflow
- reporting
- requirement gathering and analysis
- software quality
- development on server-side part of a solution.

"MERA NN", LLC.

Software Developer (May 2011- July 2015)

Responsibilities:

- development
- bug fix
- database design
- performance optimizations
- requirement analysis

"Arzamassky Priborostroitelny Zavod Imeni Plandina", JSC.

Software developer (Feb 2010 – May 2011)

Responsibilities:

- requirements gathering and analysis
 - development
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- performance optimizations, bug fix.

Publications

Practical aspects of developing geo-service on Azure platform.
Microsoft Sinergija 2015.
<https://www.mssinergija.net/en/sinergija15/agenda/Pages/Agenda.aspx?d=2>

Education

2005 – 2010: Lobachevski State University of Nizhniy Novgorod
Faculty of Economics, Department of economic informatics.
Specialty: Applied Informatics in Economics
Specialist degree
