Arseny Yankovsky

Software Architect

Stockholm, Sweden
+46734454437
contact@arseny.dev
github.com/ArsenyYankovsky

Summary

Experienced software architect with a proven ability to effectively design, develop and deliver complex software platforms utilizing modern cloud technology. Having a track record of improving team processes and technical quality of software.

Work Experience

Lead Architect   2020-10 - Current

eMarketeer – Stockholm, Sweden

I was promoted to Lead Architect at eMarketeer. Together with the CTO we outlined the things we thought needed improvement on the platform. We worked on improving the platform observability, which allowed us to uncover issues earlier and lead to us being proactive rather than reactive. I also worked on reducing our platform segmentation, creating a common microservice configuration. I continued designing and developing new features. We also reworked older critical parts of the platform, improving system stability and reducing running costs.

- Improved system observability
- Improved code guidelines
- Worked with POs on clarifying and documenting requirements
- Designed features and improvements
- Wrote technical documentation
- Developed backend and frontend parts of the platform
- Optimized platform running costs

Tools and environment: AWS EC2, Lambda, DynamoDB, Redshift, SNS, SQS, RDS, Kinesis
Languages and Technologies: TypeScript, Go, Java

Senior Software Developer   2018-01 - 2020-09

eMarketeer – Stockholm, Sweden

I was employed as a senior software developer for eMarketeer (https://www.emarketeer.com/). We worked on an existing and a new product utilizing serverless technologies on AWS. We built microservices with both products in mind, so that we modernized the old product while developing a new one. We greatly improved platform stability and reduced running cost. I took initiative on improving development and delivery processes, which improved code quality, readability, performance and stability. I was later appointed scrum master, so I worked on streamlining our processes, which lead to work being split into predictable sprints. Ultimately, that allowed us to plan releases with deadlines that were met.

- Improved team processes
- Established code guidelines
- Improved release process
- Wrote technical documentation
- Designed features and improvements
- Developed backend and frontend parts of the platform
- Optimized platform running costs

Tools and environment: AWS EC2, Lambda, DynamoDB, Redshift, SNS, SQS, RDS, Kinesis
Languages and Technologies: TypeScript, Go, Java

Development Team Lead   2017-06 - 2017-12

ISsoft Solutions – Minsk, Belarus

I worked as a team lead on the Videology (https://videologygroup.com/) project. I was responsible for the integrations team. We made our part of the platform more stable, faster and more aligned with the business needs. We also improved communication with other teams which allowed us to design better-suited APIs for their needs.

- Improved team processes and solved communication issues
- Planned future work aligned with the bigger platform roadmap
- Monitored and tracked progress of work and adjusted work efforts based on customer needs
- Designed features and improvements
- Developed backend parts of the platform
- Carried out code review

Tools and environment: Linux, Git, MySQL, Apache Kafka, Apache NiFi
Languages and Technologies: Java, Groovy, Spring

Senior Software Developer   2013-11 - 2017-06
ISsoft Solutions – Minsk, Belarus

I worked on various projects for US-based companies as a consultant. Major projects include Jingit (2012-2014, https://www.crunchbase.com/organization/jingit), Gravity4 (2014-2015, https://www.crunchbase.com/organization/gravity4), Serve Minnesota (2016, https://www.serveminnesota.org/), Videology (2016-2017, https://videologygroup.com/). I also shortly worked on a system redesign for The National Marrow Donor Program (2014, https://bethematch.org/). I also worked as a Software Architect at the early stages of the MedScale Plus project (2017, https://medscaleplus.com/).

- Designed features and improvements
- Developed backend parts of the applications
- Developed frontend parts of the applications
- Analyzed and improved application performance
- Performed load testing
- Participated and proactively worked on improving development processes
- Carried out code review

Tools and environment: AWS, Linux, Git, MySQL, MongoDB, Apache Cassandra, Amazon Redshift
Languages and Technologies: Java, Groovy, JavaScript, Spring, Netty, Vertx

Software Developer   2012-05 - 2013-10
Itransition – Minsk, Belarus

I worked on a SaaS human resources management product called CarlaMaestro by Carlabella (https://www.carlabella.com/en/) as a consultant.

- Carried out application design and development
- Improved application performance
- Wrote technical documentation
- Performed bug fixing

Tools and Environment: Windows, SQL Server 2000/2005, Oracle, HSQLDB, PostreSQL
Languages and Technologies: Java, JDBC, SQL, JSP, JavaScript, EJB, BIRT

Education

Specialist Degree in Computer Engineering   2009 - 2014
Belarusian State University of Informatics and Radioelectronics

Faculty of Computer Systems and Networks