

Gleb Uvarov

Lead Software Engineer



Personal Information

Address : The Hague, Netherlands
E-mail : g.uvarov@gmail.com
Skype : g.uvarov

Experience

- 11 years of experience in Design and Development using Java
- Cloud-Native Applications, Reactive Applications, Microservices, Search Engines
- Java, Spring Boot, Kafka, ElasticSearch, Linux/Unix, Kubernetes

Employment History

Date : Dec 2014 - Present
Company : European Patent Office, <http://www.epo.org>
Address : Rijswijk, Netherlands
Position : Lead Software Engineer/Service Contractor
Responsibilities : Software design & development

Date : Nov 2013 - Dec 2014
Company : SaM Solutions Belarus, <http://www.sam-solutions.com>
Address : Minsk, Belarus
Position : Senior Software Engineer, Team Leader
Responsibilities : Software design and development, team management, training employees, communication with customers, requirements analysis, documentation

Date : Sep 2012 - Oct 2013
Company : SaM Solutions Belarus, <http://www.sam-solutions.com>
Address : Minsk, Belarus
Position : Senior Software Engineer
Responsibilities : Software design and development, communication with customers, documentation

Date : Sep 2010 - Aug 2012
Company : SaM Solutions Belarus, <http://www.sam-solutions.com>
Address : Minsk, Belarus
Position : Software Engineer
Responsibilities : Software design and development, communication with customers

Date : Sep 2009 - Aug 2010
Company : SaM Solutions Belarus, <http://www.sam-solutions.com>
Address : Minsk, Belarus

Position : Junior Software Engineer
Responsibilities : Software design and development

Education

Date : Sep 2005 - Jun 2010
Educational Institution : Belarusian State University of Informatics and Radioelectronics
Address : Minsk, Belarus
Faculty : Information Technologies and Control
Department : Artificial Intelligence
Qualification : Engineer - Systems Analyst

Languages

English : B2
Dutch : A2
Russian : Mother Tongue

Courses and Certificates

Title : CKAD: Certified Kubernetes Application Developer
Awarded : The Linux Foundation
Date : May 2021

Title : Oracle Certified Professional, Java SE 8 Programmer
Awarded : Oracle
Date : December 2017

Title : Oracle Certified Associate, Java SE 8 Programmer
Awarded : Oracle
Date : June 2017

Title : M101J: MongoDB for Java Developers
Awarded : MongoDB University
Date : May 2016

Technical Skills

	Technology	Experience (years)	Proficiency
Programming Languages :	Java 9+	10	Excellent
	Kotlin	1	Good
	Bash Script	5	Excellent
Technologies :	Spring Framework/Spring Boot	5	Excellent
	Kubernetes/Docker	2	Good
	ElasticSearch	4	Good
	Lucene	4	Good
	Hibernate	5	Excellent
	ANTLR, Parboiled	4	Excellent
	Android SDK	2	Good

Platforms :	MS Windows	10	Excellent
	Linux	7	Excellent
	Mac OS X	2	Good
DBMSs :	MongoDB	3	Good
	PostgreSQL	3	Good
	MS SQL	3	Good
	MySQL	1	Good
	H2database	1	Good
Application Servers :	Apache Tomcat	5	Excellent
	Jetty	3	Excellent
CASE & Project Tools :	Git	6	Excellent
	SVN	5	Excellent
	Jenkins	5	Good
	Atlassian JIRA	6	Good
IDEs :	IntelliJ IDEA	9	Excellent

Projects

Project Name :	Data Enrichment Platform
Project Description :	The Data Enrichment Platform is a flexible software platform for performing data enrichment by executing various algorithms on a collection of documents, retrieved from a certain data source system. The enrichment result are often annotated texts and images, but can also be new documents/images/..., e.g. in case of machine translation.
Position :	Lead Software Engineer
Responsibilities :	Platform Setup & Deployment, Stream components implementation, CI/CD, Monitoring & Alerting Setup, Performance Tests
Technologies :	Java 11, Kubernetes, Kafka, Spring [Cloud Dataflow, Cloud Stream, Cloud Function, Batch, Boot], MongoDB
Platforms :	Kubernetes
Project Duration :	Jun 2020 - Present
Project Name :	Ansera
Project Description :	Ansera is a search engine for patent information. The goal is to deliver highly relevant documents before the examiner starts working on a patent application. It provides search with plain text (find similar), custom domain-specific query language, and search for similar figures.
Position :	Senior Software Engineer
Responsibilities :	DSL grammar implementation, AST to Lucene translation, Custom search queries
Technologies :	Java 8, Kubernetes, ElasticSearch, Lucene, ANTLR, Spring, Hibernate, JUnit, Maven
Platforms :	Kubernetes
Project Duration :	Dec 2014 - May 2020
Project Name :	Event Service
Project Description :	Event Service is an extension to VMWare vCenter which uses polling-based approach to handle servers monitoring events through CIM and SNMP indications. Through Event Service extension VMWare Infrastructure (e.g. vSphere Web Client plugins) can operate vendor-specific information.
Position :	Senior Software Engineer, Team Leader
Responsibilities :	Implementation the SNMP protocol, user authentication mechanism, SSL certificates verification, performance tuning, communication with customers, requirements analysis, team management, documentation
Technologies :	Java, Spring, Hibernate, Flex, H2database, SBLIM CIM Client, SNMP4j, SOAP, JUnit, Maven

Platforms :	Windows 2008/2012
Project Duration :	Jan 2013 - Dec 2014
Project Name :	SPM
Project Description :	The goal of SPM is a monitoring and managing power consumption of PRIMERGY servers. SPM supports discovery and tracking for these servers and power management using IPMI, SNMP, CIM, CLP protocols.
Position :	Software Engineer
Responsibilities :	Implementation the CLP protocol, SOAP part implementation, JVM performance tuning, bugfixing
Technologies :	Java, Tomcat, Jetty, Hibernate, Spring, Apache Wicket, Quartz, H2database, MS SQL, PostgreSQL, JUnit SMNP4j, IPMI, WinPCAP, SBLIM CIM Client
Platforms :	Windows 2003/2008/7, SLES 10/11, RHEL 5/6
Project Duration :	Jan 2012 - Sep 2012
Project Name :	VIOM
Project Description :	The goal of the project is allow the configuration and management the input/output parameters of the PRIMERGY Blade Servers as well as the LAN connection modules and Intelligent Blade Panel (IBP), virtualizing and saving the server blade-specific I/O parameters in a hardware-independent server profile.
Position :	Senior Software Engineer, Team Leader
Responsibilities :	Support of IPMI protocol, encryption algorithms (HMAC-SHA1, HMAC-SHA1-96, AES-CBC-128), SSH performance improvements, build system improvements, bugfixing, communication with customers, requirements analysis, team management, documentation
Technologies :	Java, Swing, Hibernate, MS SQL, PostgreSQL, IPMI, Ganymed SSH, Maverick SSH, Quartz, Apache Ant, JUnit, Mockito, PowerMock
Platforms :	Windows 2003/2008, SLES 10/11, RHEL 5/6
Project Duration :	Sep 2010 - Dec 2014