Vladimir Y.
Architect Lead Java Software Engineer

SUMMARY

- Lead Java Engineer and Architect with extensive experience designing and implementing scalable, high-loaded solutions for cloud services and secure VPN connections. - Proficient in Java (J2SE, J2EE), C#, Python, HTML, CSS, JavaScript, and Angular. - Expertise in frameworks and technologies such as Spring Boot, Spring Framework, Servlets, REST web services, JUnit, Dropwizard, and EJB3. - Skilled in building and maintaining CI/CD pipelines, deployment flows, and conducting deployments. - Proficient in working with GCP and has experience with AWS and Azure. - Experienced with databases and search technologies, including ElasticSearch, MongoDB, PostgreSQL, Derby SQL, Couchbase, and Google Cloud SQL. - Strong capability in requirements analysis, documentation creation, and customer communication. - Proven leadership in mentoring and guiding junior developers and leading development teams.

TECHNICAL SKILLS

Main Technical Skills	Java SE (12 yr.), Java EE (10 yr.), C (5 yr.)
Programming Languages	C (5 yr.), C++ (3 yr.), JavaScript (8 yr.), Pascal (2 yr.), PHP (5 yr.), Python (1 yr.), Swift (1 yr.)
Scala Frameworks	Akka
Scala Libraries and Tools	Akka
Java Libraries and Tools	EJB, Guava, Jackson, Java EE (10 yr.), JavaFX (4 yr.), Java SE (12 yr.), JDBC, Swing
Mobile Frameworks and Libraries	Gson
Java Frameworks	Hibernate, Spring
PHP Libraries and Tools	Kohana Framework
PHP Frameworks	Zend
Databases & Management Systems / ORM	AWS ElasticSearch, Cassandra, Couchbase, Hibernate, HSQLDB, Microsoft SQL Server, MongoDB, MS Access, MySQL, Oracle Database, PostgreSQL, Redis, SQL
UI Frameworks, Libraries, and Browsers	Ant Design, CSS, DHTML, HTML
Cloud Platforms, Services & Computing	AWS, Azure, GCP
Amazon Web Services	AWS ElasticSearch, AWS S3
Google Cloud Platform	Google App Engine

Message/Queue/Task Brokers	Apache ActiveMQ, Kafka, RabbitMQ
Web/App Servers, Middleware	Apache HTTP Server, Apache Tomcat, JBoss, Nginx, Tomee, Windows Server
QA, Test Automation, Security	Apache Maven, JUnit
Third Party Tools / IDEs / SDK / Services	Apache NetBeans, Eclipse, IntelliJ IDEA, Visual Studio, WebStorm, XCode
Version Control	Apache Subversion, Git, Mercurial
iOS Libraries and Tools	APNS (Apple Push Notification Service)
Operating Systems	Centos, FreeBSD, macOS, OpenSuse, Oracle Solaris, RedHat, Ubuntu, Windows
SDK / API and Integrations	FaceApi, Facebook Graph API, Log4j, Windows API
Deployment, CI/CD & Administration	Gradle, Jenkins, OpenVPN, TeamCity
Collaboration, Task & Issue Tracking	Jira
Methodologies, Paradigms and Patterns	OOP (12 yr.)
Mail / Network Protocols / Data transfer	OpenVPN
Virtualization, Containers and Orchestration	OpenVPN
Platforms	Tibco
File Systems, Storage	XML
Other Technical Skills	Apache Derby, Campfire, ehCache, GAE, GCM, Infinispan, Netty, Smarty Templating Engine, UNIX shell scripting

EXPERIENCE

Lead Software Engineer / Architect

July 2016 – now

Description: High-loaded solution for cloud backups of cloud services like Office 365, G Suite, Salesforce, Box

Responsibilities:

- Software development
- Scalable system architecture design
- Design specification creation
- Performance analysis
- Bug fixing

- Unit testing
- Code review
- DAOs
- Building deployment flow (CI/CD procedures)
- Conducting deployment
- Requirements analysis
- Creating documentation
- Communicating with customer
- Leading and mentoring junior developers.

Technologies: Java (J2SE 8), C#, Python, HTML+CSS+JS+Angular
Spring Boot, Spring Framework, Servlets, REST web services, JUnit 4/5, Dropwizard

Environment: AWS, ElasticSearch, MongoDB, PostgreSQL, ActiveMQ, RabbitMQ, Kafka, Jenkins, Maven, Git

Senior Software Engineer / Lead Software Engineer

May 2018 – May 2019

Description: Private Betting platform for closed betting club

Responsibilities:

- Leading and mentoring a team of developers
- System architecture design
- Design specification creation
- Requirements specification and creating granular tasks for developers
- Performance analysis
- Bug fixing
- Code review
- Building deployment flow (CI/CD procedures)
- Conducting deployment.

Technologies: Java (Java 12), HTML+CSS+JS, Spring Boot 2, Spring Core, Spring Thymeleaf, Spring Security, Spring Data, REST web services, WebSocket, JUnit 5

Environment: GCP, MongoDB, Jenkins, Twilio, Maven, Git

Senior Software Engineer

December 2018 – May 2019

Description: nVPN service is called to provide a secure and private connection within a public network

Responsibilities:

- Development of a desktop application
- Performance analysis
- Performance optimizations
- System architecture redesign
- Requirements specification and creating granular tasks for developers
- Code review

Technologies: Java SE 8, Java FX 8, EJB3, REST web services, JDBC, NoSQL, Junit, log4j, Gson, GeoIP services.

Environment: Azure, Java FX Application, Derby SQL, OpenVPN, Maven, Git

Software Engineer

January 2016 – August 2016

Description: Worldwide live scores and free push notifications. Standings, Fixtures, Top Scorers, Stats.

Responsibilities:

- Software development
- Bug fixing
- Unit testing
- DAOs
- Deployment
- Documentation
- Communicating with customers.

Technologies: Java (J2SE, J2EE7), PHP, EJB3, Servlets, REST web services, JDBC, NoSQL, Junit, Google Cloud Services, APNS, GCM

Environment: Google App Engine, Google Cloud SQL, Google Cloud Storage, MySQL, Jenkins, Maven, Git

Software Engineer

August 2015 – August 2016

Description: nVPN service is called to provide a secure and private connection within a public network

Responsibilities: Development of desktop client for comfortable VPN connection operation; performance analysis and optimizations; software development and design; unit testing; manual testing; deployment; bug fixing; code review.

Technologies: Java SE 8, Java FX 8, EJB3, REST web services, JDBC, NoSQL, Junit, log4j, Gson, GeoIP services.

Environment: AWS, Java FX Application, Derby SQL, OpenVPN, Maven, Git

Software Engineer

May 2015 – March 2016

Description: This project is to create a cross-platform desktop client application and server-side application for handling genetic data uploads of arbitrary size.

Responsibilities: System architecture design, development of a highly secure, scalable, and fault-tolerant desktop client for transferring big files, performance analysis and optimizations, design, unit testing, manual testing, deployment, bug fixing, and code review.

Technologies: Java SE 8, Java FX 8, EJB3, Spring Framework, Guava, REST web services, JDBC, NoSQL, Junit, log4j, Gson, compression libraries.

Environment: Java FX Application, HikariCP, Derby SQL, HsqlDB, EhCache, Maven, Git Azure, auto-provisioning of Azure nodes for data processing.

Software Engineer

December 2015 – March 2016

Description: Slotomania is the number one free slots game in the world. Social video slots casino.

Responsibilities: Software development, bug fixing, unit testing, DAOs, deployment, documentation creation, and customer communication.

Technologies: Java (J2SE, J2EE7), EJB3, Servlets, REST web services, Spring Framework, Kafka JMS, JDBC, NoSQL, Junit, Akka

Environment: Tomcat 7/8, Couchbase 1.8/2.0, MySQL, Kafka, Facebook Graph API, Maven, Git, Team City

Software Engineer

April 2014 – December 2015

Description: Virtual, play-for-fun casino game with video slots, roulette, and blackjack options. Caesars Casino is an online social game owned by Caesars Interactive Entertainment, Inc.

Responsibilities: Software development, bug fixing, unit testing, DAOs, deployment, documentation creation, and communication with customers.

Technologies: Java (J2SE, J2EE7), EJB3, Servlets, REST web services, Spring Framework, Kafka JMS, JDBC, NoSQL, Git, Junit, Akka

Environment: Tomcat 7/8, Couchbase 1.8/2.0, MySQL, Kafka, Facebook Graph API, Maven, Git, Team City

Software Engineer

September 2013 – January 2014

Description: Cloud notification service development for Android/iOS push message delivery

Responsibilities: Software development, bug fixing, unit testing, DAOs, deployment, and documentation.

Technologies: Java (J2SE, J2EE6), EJB3, CDI, REST web services, JMS, NoSQL, JUnit, Jackson, APNS, GCM, Apache Solr, MS SQL Server

Environment: JBoss EAP 6.1, Cassandra, Infinispan, Tibco, RHEL 6.x, Maven, SVN, Jenkins, HP Fortify

Software Engineer

May 2012 – March 2014

Description: Backend development for a high-loaded online trading game.

Responsibilities: Software development, bug fixing, unit testing, parsers, DAO’s.

Technologies: Java (J2SE, J2EE6), EJB3, CDI, Servlets, REST web services, JMS, JDBC, NoSQL, algortims and extensive data structures usage (AVL-trees, RB-trees), SVN

Environment: TomEE 1.6, Couchbase 1.8/2.0, Netty 3.6, EHCache 2.6, PostgreSQL 9.2, ActiveMQ 5.x, RHEL 6.x, Amazon EC2, S3, Facebook Graph API, Maven, SVN, Jenkins

Software engineer

November 2009 – May 2011

Description: Internet resource for reading Anime and manga.

Responsibilities: System architecture design, software development, design, functional testing, unit testing, and documentation creation.

Technologies: PHP, SQL, HTML, Javascript, jQuery, CSS3, Bootstrap, AJAX, XML, Cron.

Environment: Apache HTTP Server, MySQL 4, Git, Campfire

Software engineer

May 2010 – November 2010

Description: Internet resource for sharing useful information and communication between students.

Responsibilities: System architecture design, software development, design, functional testing, unit testing, and documentation creation.

Technologies: PHP, HTML, XML, XSLT, CSS2, SSL, SQL, AJAX, Smarty templating engine, DLE.

Environment: Apache HTTP Server, MySQL 4, Git

EDUCATION

Vinnytsia National Technical University, M.S. in Automatics and computer-controlled systems

2014

Vinnytsia National Technical University, B.S. in Automatics and computer-controlled systems

2013