

# Serhii B

## Senior Cloud Solutions Architect/DevOps

### SUMMARY

- Highly skilled and experienced Software Engineer with a strong background in computer science and automated control systems.
- Proficient in a wide range of programming languages and technologies, including Java, Python, Ruby, and Node JS.
- Extensive experience in designing and implementing software architectures, with a focus on cloud solutions and DevOps practices.
- Strong knowledge of methodologies and frameworks such as TOGAF, Agile, and SCRUM.
- Experienced in working with cloud platforms such as Amazon Web Services (AWS), Microsoft Azure, and Google Compute Platform.
- Skilled in data analysis, data modeling, and data integration, with expertise in Big Data and IoT solutions.
- Demonstrated ability to lead and manage teams, conduct architecture assessments, and provide improvement recommendations.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	AWS (8 yr.), Azure DevOps (8 yr.), GCE (3 yr.)
<b>Programming Languages</b>	C (8 yr.), Java (8 yr.), Python (8 yr.), Ruby (8 yr.)
<b>JavaScript Frameworks</b>	Angular (3 yr.), Node.js (8 yr.)
<b>UI Frameworks, Libraries, and Browsers</b>	CSS (8 yr.), HTML5 (8 yr.)
<b>JavaScript Libraries and Tools</b>	ES6 (8 yr.)
<b>Java Frameworks</b>	Hibernate (8 yr.), Spring (8 yr.)
<b>Java Libraries and Tools</b>	JSON (8 yr.)
<b>.NET Platform</b>	.NET (8 yr.)
<b>Data Analysis and Visualization Technologies</b>	Data Analysis (3 yr.), Kibana, Pentaho Data Integration (Pentaho DI) (8 yr.), Tableau (8 yr.)
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, Hibernate (8 yr.), Memcached (8 yr.), Microsoft SQL Server (8 yr.), MongoDB (8 yr.), MySQL (8 yr.), PostgreSQL (8 yr.), Redis (8 yr.)



<b>Cloud Platforms, Services &amp; Computing</b>	AWS (8 yr.)
<b>Amazon Web Services</b>	AWS CodeDeploy (8 yr.), AWS ElasticSearch, AWS Security Groups (3 yr.)
<b>Azure Cloud Services</b>	Azure DevOps (8 yr.)
<b>Google Cloud Platform</b>	GCE (3 yr.)
<b>QA, Test Automation, Security</b>	Checkmarx (3 yr.)
<b>Methodologies, Paradigms and Patterns</b>	Clean Architecture (3 yr.), microservices architecture (3 yr.), MVC (8 yr.)
<b>Virtualization, Containers and Orchestration</b>	GCE (3 yr.), Kubernetes (3 yr.)
<b>Deployment, CI/CD &amp; Administration</b>	Jenkins (8 yr.), Octopus (8 yr.), TeamCity (8 yr.)
<b>Logging and Monitoring</b>	Logstash (3 yr.), Zabbix (8 yr.)
<b>Operating Systems</b>	*nix (8 yr.)
<b>SDK / API and Integrations</b>	RESTful API (8 yr.)
<b>Other Technical Skills</b>	Flash (8 yr.), Flex (8 yr.), Force.com (8 yr.), Simulator (3 yr.), Talend ETL (8 yr.), YAML (8 yr.)

## WORK EXPERIENCE

### **Solutions Architect/DevOps Architect/Product Owner, Smart City Acceleration Framework**

**Duration:** 18 Months

**Summary:** Smart City Acceleration Framework.

**Responsibilities:** Design and implement architectural and technical solutions according to the business needs.

**Technologies:** GCP, Data analysis, Python, Angular, IoT devices simulation, Kubernetes.

### **Solutions Architect/DevOps Architect, SaaS platform for insurance carriers**

**Duration:** 12 Months

**Summary:** SaaS platform for insurance carriers.



**Responsibilities:** Design and implement architectural and technical solutions according to the business needs. Improvements and optimizations.

**Technologies:** Node, Java, AWS Lambda, Kubernetes, Microservices.

### **DevOps Architect, Assessment of Readiness for College and Careers Reporting System**

**Duration:** 9 Months

**Summary:** Assessment of Readiness for College and Careers Reporting System.

**Responsibilities:** Design and implement technical solutions according to the business needs. Improvements and optimizations.

**Technologies:** Amazon Web Services, EC2, S3, ELB, Auto Scaling, Route53, AMI, CloudFormation, VPC, EC2 Container Service, IAM, Kinesis, SNS, SQS, CloudWatch, Lambda, CloudWatch Logs, Elastic File System, ElasticSearch, Infrastructure as Code, Ansible, Docker, Git, Pentaho, ETL.

### **DevOps Architect, Video Conferencing solution**

**Duration:** 4 Months

**Summary:** Video Conferencing solution.

**Responsibilities:** Based on Worldwide best practices, provide recommendations on architecture improvements, optimization, and cost-effectiveness. Prepare implementation roadmap and track development activities.

**Technologies:** Amazon Web Services, EC2, S3, ELB, Auto Scaling, Route53, AMI, CloudFormation, CloudFront, VPC, EC2 Container Service, IAM, Kinesis, SNS, CloudWatch, Lambda, CloudWatch Logs, Atlassian, Jira, Bamboo, Confluence, HipChat, Infrastructure as Code, Ansible, Vagrant, Docker, Git, Bitbucket, NewRelic, collected, rsyslog, logrotate, ElasticSearch, Logstash, Consul.

### **DevOps Lead, DevOps Architect, Custom user and tenant management solution**

**Duration:** 6 Months

**Summary:** Custom user and tenant management solution

**Responsibilities:** Prepare architecture vision, design and implement custom user- and tenant-management solutions.

**Technologies:** Force.com, Tableau server, Java, Spring, Hibernate, JavaScript, Web Services, MS SQL Server, Perforce, Microsoft Active Directory Federation Service, Ruby.

### **DevOps Lead, Custom Continuous Delivery solution**

**Summary:** Custom Continuous Delivery solution.

**Responsibilities:** Leading in developing and implementing Central Logging Solution Infrastructure automation and provisioning. Developing workflow for different environments. Creating a Handbook for Developed Processes.

**Technologies:** AWS, Chef, Elasticsearch, Kibana, Logstash, Ruby, \*Nix, TeamCity, Octopus.



## **DevOps engineer, DevOps Lead, Online design and printing tool**

**Summary:** Online design and printing tool.

**Responsibilities:** Led developing and implementing Central Logging Solution Infrastructure automation and provisioning. Developing workflow for different environments. Creating a Handbook for Developed Processes.

**Technologies:** Amazon Web Services Platform, Flex, Flash Builder 4, Java, Spring, Hibernate, JavaScript, Web Services, MS SQL Server, JBoss AS, PostgreSQL, Apache HTTP server, JOSSO, SVN, Jenkins CI.

## **EDUCATION**

- **M.Sc. in Automated Control Systems**
- Polytechnic National University, Institute of Computer Science and Information Technology, Department of Automated Control Systems
- **B.Sc. in Automated Control Systems**
- Polytechnic National University, Institute of Computer Science and Information Technology, Department of Automated Control Systems

## **CERTIFICATION**

- **Google Cloud Certified Professional Cloud Architect;**
- **Amazon Web Services Solutions Architect - Associate;**
- **AWS Well-Architected Framework;**
- **Documenting Software Architectures;**
- **Software Architecture Principles and Practices;**
- **Software Architecture Design and Analysis.**

