

# Maxim Volkov

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## Summary

Multi-cloud environments, cloud architecture, migration, automation and optimization. Distributed computing and data processing.

## Certification

*AWS Certified Solutions Architect - Associate*

Certification Date Dec 2017 – Dec 2019 License G9M1KHRK1FE41JSF

## Experience

### **SR CLOUD ONBOARDING ARCHITECT | CENTURYLINK INC. | SEP 2014 - CURRENT**

- Architecting customer faced and internal projects (CenturyLink Cloud, AWS, Azure).
- Participating in development of new Onboarding products.
- Security assessment. Encryption at rest and in transit.
- Cloud automation.

### **SYSTEM ENGINEER | SWEETLABS | JAN 2009 – JUN 2014**

- Optimized system to adapt to the growing intensity and data volume.
- MySQL tuning, geo spread parallel replication, filtered replication, mysql-proxy, Memcached integration.
- Back end infrastructure scaling, capacity planning, Linux optimization.
- Architected and created business critical real time distributed data processing and aggregation system.
- Add hoc data analysis.
- Scripting for monitoring, maintenance automation, data backup, data analytics, and other (bash, Python).

### **SYSTEM ENGINEER | VEOH NETWORKS INC. | JAN 2007 – NOV 2008**

- From the ground up architected DB infrastructure (MySQL).
- Linux optimization for specific workloads.
- Optimized for growth a large-scale operation.
- Scripting for monitoring, maintenance automation, data backup, data analytics, and other (bash, Python).
- Provided support and mentoring to internal teams (dev, qa, ops).

### **SYSTEM ENGINEER | ADBRITE INC. | NOV 2005 – JAN 2007**

- Re-architecting database infrastructure.
- Linux optimization for specific workloads.
- Monitoring set up.
- Database schema and query optimization.
- Automation, data replication and exchange across multiple sources.
- Business analytics and reporting.

## **LAMP DEV / LINUX SYSTEM ADMINISTRATOR | EURO RSCG 4G | JAN 2003 – OCT 2005**

- Worked as part of international marketing team with prominent Canadian companies – Diageo, Bell Canada, Chrysler Canada.
- Developed web applications for ongoing marketing campaigns. (Example: Developed real-time Call Center solution for Bell Mobility Canada.)
- Database architecture, data analytics, data exchange.
- Backend server infrastructure set up for campaign support.

## **Education**

**MASTER IN ELECTRIC ENGINEERING, INFORMATION SYSTEMS | 1992 | KIEV POLYTECHNIC INSTITUTE**

**MASTER IN HUMAN KINETICS | 2000 | THE UNIVERSITY OF BRITISH COLUMBIA**

## **Other**

**OPEN WATER DIVER (PADI) CERTIFIED**