

Borko Djurkovic

CONTACT

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QUALIFICATIONS

- 8+ years of end-to-end systems architecture experience designing highly available enterprise systems accounting for many technology architecture concerns (e.g. availability, scalability, performance, security) and comprising of wide variety of technologies
- Expert proficiency with cloud IaaS/PaaS/SaaS providers (Azure, AWS, Dynamics 365) including 5+ years of experience working on large cloud migration and transformation projects
- Hands-on experience with various DevOps (CI/CD) tools including Azure DevOps, HashiCorp Terraform, Git, Ansible, and AWS CloudFormation
- Strong knowledge and hands-on experience with Kubernetes container orchestration platform.
- Experience with databases (SQL Server, NoSQL), data migrations, ETL tools (SSIS, Data Factory), and integration technologies (Kafka, Event Hubs)
- Experience and comfort working at all levels of technology, from high-level architecture developing solution blueprints and enterprise standards, down to code implementation
- Experience leading delivery of system implementations from requirements gathering to development of operational procedures and successful transition to production operations teams using Agile delivery
- Passion for learning new technologies and solving complex problems with focus on bringing value to clients
- Ability to collaborate with technical and non-technical personnel demonstrated through experience working directly with client executive leadership, and other partner resources at various leadership ranks
- Certified Kubernetes Administrator (CKA), Certified Kubernetes Application Developer (CKAD), Azure Solutions Architect Expert Certified, Azure DevOps Engineer Expert Certified, Azure Developer Associate Certified, Azure Security Engineer Associate Certified; AWS Certified Solution Architect (Professional Level), AWS Certified DevOps Engineer (Professional), AWS Certified Developer, AWS Security Specialty Certified, AWS Database Specialty Certified, HashiCorp Certified Terraform Associate, TOGAF Certified, ITIL Certified, Canada Top Secret Clearance

WORK EXPERIENCE

Cloud Solution Architect

May 2019 — present

City of Ottawa *May 2020 – present*

- Designing and implementing cloud native solution to migrate self-hosted on-prem Kubernetes environments to Azure Cloud. Target cloud architecture consists of Azure Kubernetes Service for application hosting with Azure DevOps, and HashiCorp Terraform for CI/CD and IaC (infrastructure as code) capabilities.

Export Development Canada *May 2019 – April 2020*

- Cloud Solutions Architect designing and implementing client's hybrid on-prem/Azure cloud platform offering core cloud capabilities to multiple business teams.
- Designed and implemented enterprise wide Azure Log aggregation solution collecting logs from various systems across multiple Azure subscriptions and integrated it with existing on-prem SIEM products.
- Designed and implemented Azure tagging policy across multiple subscriptions to improve resource operational management, utilization reporting, and cost allocation
- Designed and implemented platform services for automated provisioning of SQL Server PaaS Databases, Azure Storage Accounts, Azure Key Vaults, SQL Server Firewall rules, and Azure Private Link Endpoints
- Technologies utilized: Azure Cloud IaaS and PaaS services (e.g. VNet, Networking, Linux and Windows Compute, Azure Storage, Azure Event Hubs, Azure Monitor, Azure Log Analytics, Security Center, SQL Server, Azure Blueprints), CI/CD (Azure DevOps, Git, Terraform, Ansible, ARM Templates)

WhizLabs Education Inc *September 2019 – April 2020*

- Freelance question writer creating practice exam questions for AWS Security Specialty Certification Exam and AWS Certified Database Specialty certification Exam.

A Cloud Guru *October 2019 – March 2020*

- Freelance question writer creating practice exam questions for AWS Certified Developer Certification Exam.

Accenture

Nov 2011 — May 2019

Cloud Technology Architecture Manager

Major Transportation Services Client (Crown Corporation) *Feb 2019 – May 2019*

- Solutions Architect designing Azure cloud-native RESTful microservice APIs with very stringent requirements around performance, site reliability, availability, and security
- Technologies utilized: Azure Cloud IaaS (e.g. VNet, Networking, Compute), Kubernetes (AKS), Docker, Kafka (Event Hubs), Kotlin, CosmosDB, CI/CD (Git, Ansible, Terraform)

Major Financial Services and Insurance Industry Client (Crown Corporation) *Oct 2016 – Feb 2019*

- Member of technology architecture team on a large enterprise cloud migration and transformation program utilizing Microsoft Azure Cloud. This includes “lift and shift” server migration and complete custom application re-platforming
- Member of enterprise architecture team developing cloud migration roadmap and strategy, enterprise wide standards, guidelines, and best practices
- Responsible for defining various application integration patterns (e.g. Asynchronous brokered messaging, RESTful web API, ETL) and specifying guidelines and best practices for their use
- Lead delivery of integration components as part of large Dynamics 365 CRM implementation from interface design to production deployment. Integration systems included other custom on-prem/IaaS applications and SaaS platforms (Dynamics 365 for Operations, PowerBI). Technologies utilized in implementation consisted of various Azure Cloud services (e.g. Service Bus, Logic Apps, Azure SQL Database, Functions, API Apps, SSIS)
- Member of Enterprise Architecture Steering Committee reviewing technical designs, identifying project risks, and proposing solutions

Major Delivery Services Client (Crown Corporation) *Oct 2014 – Aug 2016*

- Responsible for creating the technical specifications of various architectures necessary for delivery of a mobile application modernization project of approximately 35000 devices. Designed and documented specifications for technology architectures, including back-end system application architecture, development (continuous integration) architecture, operations architecture, and execution architecture.
- Managed infrastructure provisioning required for various development, QA, and production environments in support of the project utilizing a hybrid IaaS (AWS) and traditional on-premise datacenter environment. Responsible for designing and standing up the AWS cloud networking and compute components.
- Served as a subject matter expert for high-level solution. Worked with third party service provider during the design and implementation phases of the project, providing guidance on integration of various systems.

Major Banking Industry Client *Nov 2013 - Sept 2014*

- Focused on designing and supporting design changes/updates to web-service interfaces supporting credit card transactions and related business operations
- Worked with delivery partner organizations and client resources (development teams, testing teams, etc.) in providing functional testing guidance and assistance by reviewing test cases ensuring proper test case coverage. Collaborated with client resources in performing analysis for non-functional performance testing
- Played key role in identifying issues, performing triage, coordinating resources, and providing defect solution guidance in order to resolve issues during testing phases and project go-live

Major Retail Industry Client *Jan 2012 – Sept 2013*

- Independently installed, upgraded, and configured SAP application software in multiple QA environments
- Working with Solution Architects & Technical Architects, I was key contributor in designing source code control, deployment and configuration processes
- Reviewed deployment plans; performed deployment/configuration tasks to QA/production environments
- Performed testing activities, complex triage on issues and effectively coordinated activities and collaborated with other client resources and vendors to prioritize tasks and solve issues in timely manner

AWS Solutions Architect

- AWS Solution Architect in sales capacity helping drive growth of Accenture AWS business
- Developed PoC's to demonstrate various AWS capabilities and how they can bring value to business problems
- Interviewed potential candidates to grow Canadian AWS Practice

Accenture Corporate Citizenship Programs

- Founder and national lead for the corporate citizenship partnership with Canada Learning Code non-profit. Responsible for driving numerous initiatives across Canada promoting computer science literacy
- Member of national organizing committee of our Hour of Code initiative organizing computer education events at schools across Canada for the past four years.

Member of NA-LA Accenture Technology Architecture Workshops Organizing Committee

- I helped organize yearly week-long workshops bringing together over 300 Accenture Technology professionals from North and Latin America for series of interactive training sessions that focus on future enterprise technologies.

Relevant Courses and Trainings

- Cloudera Developer Training for Apache Hadoop, Cloudera Training for Apache HBase, Developer Training for Spark and Hadoop, Cloudera Designing and Building Big Data Applications, Cloudera Data Science at Scale Using Spark and Hadoop, Cloudera Administrator Training for Apache Hadoop

EDUCATION

Master of Science, Physics <i>University of Waterloo</i>	Sep 2007 — Dec 2010
Bachelor of Science, Physics <i>University of New Brunswick</i>	Sep 2001 — May 2007
Bachelor of Science, Computer Science <i>University of New Brunswick</i>	Sep 2001 — May 2007

SKILLS

Hands-on expertise with Azure, AWS, Azure DevOps, and HashiCorp Terraform; Strong hands-on proficiency with Kubernetes; Proficiency in Java and familiarity with Python, JavaScript, and .NET; Database technologies (Oracle, SQL Server, SSIS, Data Factory, CosmosDB), Knowledge of CI/CD tools Git, Ansible, Jenkins, and Chef; Familiarity with ELK (Elasticsearch, Logstash, Kibana) stack, Cloud Foundry, and Docker; Hands-on familiarity with Hadoop (Cloudera) and related technologies (HBase, HDFS, Hive, Sqoop, Flume, Impala, Spark); strong familiarity with Dynamics 365 Online; Comfortable with Windows/Linux environments and writing Azure CLI/PowerShell/Unix Shell scripts.