

Mei Li

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Education

University of Waterloo

Master of Engineering (MEng) in Electrical and Computer Engineering

Sep 2015 – Apr 2017 | Waterloo, ON, Canada

Huazhong University of Science and Technology (HUST)

Bachelor of Engineering in Computer Science

Sep 2011 – Jun 2015 | Wuhan, China

Work Experience

Senior Cloud Engineer (AWS Migration Specialist) | TD Bank | May 2019 – Present | Toronto, ON, Canada

- Led multiple large-scale enterprise application migration projects from on-premises data centers to AWS.
- Designed target state architectures on AWS leveraging services like EC2, RDS, S3, Lambda, ECS/EKS, and VPC.
- Developed migration strategies (Rehost, Replatform, Refactor) based on application assessments.
- Utilized AWS Migration Services (e.g., AWS SMS, DMS, CloudEndure) and Infrastructure as Code (Terraform, CloudFormation) for execution.
- Ensured security and compliance requirements were met in the cloud environment.
- Provided post-migration support and optimization.

Cloud Engineer | Bell Canada | Jun 2017 – Apr 2019 | Mississauga, ON, Canada

- Supported AWS infrastructure and implemented automation tasks.
- Gained initial experience with cloud migrations.

Skills

Cloud Platforms: AWS (Expert - EC2, RDS, S3, Lambda, ECS, EKS, VPC, Route 53, CloudFront, ELB, IAM, CloudWatch, CloudTrail, CloudFormation, AWS Migration Hub, SMS, DMS, CloudEndure), Azure (Intermediate), GCP (Basic)

Migration Strategy: 6 R's (Rehost, Replatform, Repurchase, Refactor, Retain, Retire), Application Assessment, Wave Planning

Infrastructure as Code (IaC): Terraform (Expert), CloudFormation (Proficient), Ansible (Basic)

DevOps & CI/CD: Jenkins, GitLab CI, Docker, Kubernetes

Operating Systems: Linux (RHEL, Ubuntu), Windows Server

Scripting: Python, Bash

Databases: PostgreSQL, MySQL, Oracle (Migration context), DynamoDB (Basic)

Networking: VPC Design, Subnetting, Security Groups, NACLs, VPN, Direct Connect

Security: IAM Best Practices, Security Groups, KMS, Secrets Manager

Other Skills: Solution Architecture, Project Management Basics (related to migrations), Communication

Certificates

AWS Certified Solutions Architect – Professional

AWS Certified Migration – Specialty

AWS Certified Advanced Networking – Specialty

HashiCorp Certified: Terraform Associate

Awards

TD Bank - Cloud Transformation Excellence Award 2021