Ashair Imran

ashairimran@gmail.com | 647-572-6249 | linkedin.com/in/ashair-imran

Skills

Languages: C#, JavaScript, Java, Python, SQL, Bash, C/C++

Technologies: AWS, .NET, Terraform, Kubernetes, Linux, GitHub Actions, Jenkins, Docker, MySQL, nodeJS

Education

University of Ottawa, Honours BASc in Computer Engineering   Sept 2018 – May 2023

Experience

DevOps Engineer, Able Express – Mississauga, ON   June 2023 – Present

- Designed and implemented **CI/CD** pipeline using **GitHub Actions**, streamlining software integration from multiple developers, automating deployment, and decreasing lead time by **50%** to ensure continuous delivery.
- Developed and maintained **Infrastructure as Code (IaC)** using **Terraform**, automating the provisioning and management of **AWS** resources. Reduced time for repeated test deployments and resource re-creation by **90%**.
- Automated system admin tasks and compliance monitoring with **JavaScript** and **AWS Lambda**. Generated reports on compliance triggers, improved operational efficiency, and reduced manual workload by **50%**.
- Integrated FINTRAC API to fully automate compliance reporting, allowing higher volume of submissions by replacing manual web submission with automated API data posting in accordance with best practices.
- Led the migration of an on-premises **Microsoft SQL Server** database to **Amazon Aurora MySQL**, using **AWS SCT** and **AWS DMS**, resulting in improved scalability, performance, and high availability.
- Configured **IAM** roles and policies, secured **AWS** resources, and implemented automated secret rotation with **AWS Secrets Manage**r, lessening vulnerabilities, the risk of unauthorized access, and potential for human error.

Software Engineering Intern, Able Express – Mississauga, ON   Jan 2022 – Sept 2022

- Developed internal system for managing and storing customer transactions using **C#** and **JavaScript**.
- Optimized **Microsoft SQL Server** databases by refining query performance and enhancing storage efficiency.
- Refactored monolithic code into micro-service architecture in **.NET**, built reusable components, and implemented RESTful APIs. Increased modularity, scalability, and reduced technical debt.

Software Engineering Intern, Ideal Community – Markham, ON   May 2020 – May 2021

- Engineered a robust admission and grading system using **C#** with **.NET**, providing teachers in third-world countries with improved administrative workflow, increased productivity, and remote work opportunities.
- Designed secure and efficient **MySQL** databases to store and manage student, parent, and teacher information.
- Leveraged **Azure DevOps** to implement **CI/CD** pipelines and manage version control, accelerating the development life-cycle and ensuring code quality through automated testing and deployments.

Certifications

Certified Kubernetes Administrator   Sept 2024

- Skills used: Linux, Bash, Docker, Container Orchestration and Deployment

AWS Certified DevOps Engineer - Professional   July 2024

- Skills used: CI / CD pipelines, Infrastructure as Code (IaC), Automation, Compliance, Cloud Provisioning

Projects

Cloud-Hosted Site   ashair-imran.com

- A website project hosted on AWS, built with a focus on using serverless cloud services and DevOps tools.
- Tools used: CloudFront, API Gateway, Terraform, GitHub Actions, AWS Lambda, DynamoDB, S3
- Skills used: Networking, DNS, DevOps, CI/CD Pipelines, IaC, REST and HTTP APIs, NoSQL, Serverless Stack