Fuad Ahmed

DevOps Engineer

IT professional with 5+ years of experience in Cloud Engineering and DevOps/SRE practices. Adept in solution design, cloud architecture, release automation, cost optimization and securing cloud environments as per PCI-DSS standards. Delivered scalable as well as fault resilient products which handle 140k requests/min on a daily average via capacity planning. Previously worked with Telecommunication applications for over 10 years as planner and implementer.

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WORK EXPERIENCE

VP of Cloud Engineering
bKash Limited

01/2018 - 06/2022   *Dhaka, Bangladesh*

Responsibilities

- Collaborate in architecting new solutions and integrations for financial services.
- Implement CI-CD and deliver new products on Cloud using Terraform, Ansible, Jenkins, Helm, etc.
- Review costs and perform cost optimisation activities.
- Implement Serverless and Container solutions.
- Develop, Review code and assist cross-functional teams in environment preparation/benchmarking/security scans.
- Administration of AWS organisation account and Github.
- Perform routine PCI-DSS activities and demonstrate cloud controls during audit.

DevOps Lead (Remote)
Earthling Security

12/2016 - 12/2017,   *Dhaka, Bangladesh*

Responsibilities

- Creation of new cloud environments on AWS/Azure.
- Install and configure Nagios, Splunk, Nessus, Burpsuite etc.
- OS Hardening and security implementation as per client requirements.
- Upgrade and patch cloud systems
- Create alerts and generate reports from Splunk.
- Perform security scans using Nessus and resolve vulnerabilities
- Administration of office 365 exchange, Sophos and Barracuda cloud services.

Applications Lead Engineer
Banglalink Digital Communications Limited

10/2005 - 11/2016   *Dhaka, Bangladesh*

Responsibilities

- Collect and document new requirements from internal teams (marketing/sales/ccd/operations).
- Prepare RFI or RFP documents based on collected requirements.
- Review system capacity and provide license utilisation reports to management.
- Implement new services through development or with assistance from external vendors.
- Plan for system changes in order to meet SOX compliance.
- Develop application to reconcile 3rd party systems and SDP transactions by collecting CDR and logs.

CERTIFICATES

- CKA: Certified Kubernetes Administrator
- Systems Security Certified Practitioner (SSCP)
- Certified Payment-Card Industry Security Implementer
- Certified Scrum Product Owner® (CSPO®)
- Red Hat Certified Engineer
- Oracle Database 10g Administrator Certified Professional & RAC expert
- Several Certifications related to Telecom. Services such as SMSC, MMSC, IN, GSM etc.

EDUCATION

Master of Business Administration in Executive Management
Royal Roads University, Victoria, BC, Canada

C.G.P.A: 3.64   *Completed in 2017*

Bachelor of Science in Computer Science
American International University Bangladesh (AIUB)

C.G.P.A: 3.5   *Completed in 2005*

SKILLS

- Cloud Org. Admin
- Github Admin
- Cost Optimization
- CICD
- Kubernetes Admin
- Code & Review
- PCI-DSS Implementer
- Automation

ACHIEVEMENTS

Banglalink special achievement award - 2011
Banglalink Digital Communications Limited

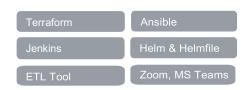**Banglalink CEO's Recognition for IN Migration**
Banglalink Digital Communications Limited

MAJOR PROJECTS

bKash Limited

- **Customer app** – Contributed to the design, scalability, new releases, security, optimization and overall growth of the lifestyle app. Worked on several integrations which enabled features like zero charging.
- **Payment products** – Enabled bKash to kickstart a payment gateway using serverless technology. Helped design features for seamless merchant onboarding and publishing API documentation for new merchant integration. Developed several pipelines for releases to pgw, merchant app

TOOLS USED

- Terraform
- Ansible
- Jenkins
- Helm & Helmfile
- ETL Tool
- Zoom, MS Teams

LANGUAGES

English
Full Professional Proficiency

Bangla
Native or Bilingual Proficiency