Dalwar Hossain

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Summary

My motivation comes from the passion for what I do. Over the years, I have worked with small, medium and large teams, and inspired DevOps mindset. I have worked with companies that provide networking infrastructure, PaaS to Saas. My focus is on automation and creating human assets towards DevOps. I believe, with hard work and smart thinking, we most certainly can improve anything. I love solving puzzles and taking on new challenges whether it's about a tool or to help teams see the benefits of collaboration and embrace DevOps.

Skill Highlights

- *Container Orchestration:*
    Docker, Kubernetes
    Helm, ACR, Tilt
- *Automation:*
    Terraform, Jenkins,
    ArgoCD, Argo Workflows
- *Cloud:*
    Azure, AWS, GCP, ESO,
    ISTIO
- *Logging & Monitoring:*
    ELK/EFK, Prometheus
    Grafana
- *Programming:*
    Python, Shell

Certificates*

- Microsoft Azure
Administrator (AZ-104)
    ID : AC48F0-F7A5MC

- Certified Kubernetes
Administrator (CKA)
    ID: LF-q812anr9hu

- HashiCorp Certified
Terraform Associate

- Certified Jenkins Engineer
    ID: 20109243

- Cisco DevNet 500
    ID: 6F4FRJXP2CVQQCK9

Work Experience*

Senior Infrastructure Engineer
cioplenu GmbH, Frankfurt, GERMANY
Nov 2022 - Present

- Migrated from standalone K8s manifests to Helm charts with private OCI registry implementation
- With the introduction of Helm, helped reduce human dependency up to 90%
- Pioneered infrastructure automation through IaC and reduced infrastructure deployment time by 85%
- Reduced build time up to 85% by introducing hybrid distributed build system
- With the introduction of ArgoCD, helped reduce application deployment time and effort with over 90%
- Restructured in-use DevOps tools to be managed as code
- Introduced Kube Prometheus Stack for metrics monitoring
- Kubernetes log management with filebeat/fluentbit, and Elastic Cloud Service

Senior DevOps Engineer
Deutsche Boerse AG, Eschborn, GERMANY
June 2022 - Oct 2022

- Service management for microservice-based software deployment
- Kubernetes cluster (EKS) management in AWS
- Maintain and create new Helm charts
- Automated infrastructure deployment and provision with Terraform
- CI/CD pipeline management with Circle CI, Concourse and ArgoCD
- Infrastructure Monitoring with Cloudwatch
- Kubernetes Service Monitoring with Prometheus, Grafana, and Elasticsearch

Education

MSc in Internet Technology
and Architecture
• Sep 2016 - Sep 2018
• TU Berlin, Berlin, Germany

MSc in Ubiquitous
Networking
• Sep 2015 - Sep 2016
• Sorbonne Université,
Paris, France

BSc in Computer Science
• Jan 2008 - Oct 2011
• IUT Dhaka, Bangladesh

Language

German - A1
English - Proficient
Bangla - Native

DevOps Engineer

RiskIdent GmbH, Hamburg, GERMANY
June 2021 - May 2022

• On-Prem multiple Kubernetes cluster deployment and management
• On-Prem platform service deployment and management
• Increased deployment efficiency with Helm charts
• On-Prem infrastructure configuration management with Ansible
• Designed on-demand scalable distributed build system
• Lead a team hands-on for developing and deploying distributed build system
• Automated infrastructure provisioning (IaC) with Terraform
• Kubernetes monitoring with Prometheus and Grafana
• Kubernetes log management with self-hosted Elasticsearch, Fluentbit and Fluentd

DevOps Engineer

NTT Germany AG & CO. KG, Bad Homburg, GERMANY
Nov 2018 - May 2021

• Project planning with proper guidance on system options, risk, impact and cost vs. benefit
• Developed distributed REST API solutions for complex s/w and h/w ecosystems
• Designed and implemented scalable CI/CD ecosystem
• Designed and implemented code quality assurance system and policies
• Scalable artifact management system for the team and enterprise
• Refactored existing system into IaC
• Trained junior newcomers to become DevOps Engineers
• Containerization with Docker and container orchestration with Kubernetes
• System and Application monitoring with Prometheus and Grafana
• Log management with Splunk forwarder and Splunk

* For a more detailed CV, please visit **https://dalwar23.com**