ABDULLAH AL SHAAD

Uttara, Dhaka, Bangladesh

📞 +8801319036235   ✉ abdullah.alshaad@gmail.com   in abdullahalshaad   ⚪ abdullahalshaad

Experience

Enosis Solutions   **April 2025 – Present**
Senior DevOps Engineer   *Remote*
- Automate workflow to ensure consistent and optimized deployments across development and production environments
- Deployment and Management of containerized application in Azure Environment

AppsCode Inc. ⧉   **November 2021 – November 2024**
Senior Software Engineer   *Dhaka, Bangladesh*
- Designed and Automated **GKE, Azure and AWS Managed Kubernetes cluster** creation using **Cluster API**.
- Designed and Implemented a **Kubernetes Custom Controller** that helps users **run and manage production grade Redis Cluster(Sharded Mode) on Kubernetes**. The operator automates failover and ensures 99.9% high availability. ⧉
- Enhanced Redis database controller by implementing features like **TLS Reconfiguration, Horizontal Scaling, Vertical Scaling, Restart, Volume Expansion, and Version Upgrade** in KubeDB managed database clusters using Kubernetes custom resource for day 2 lifecycle management. ⧉
- Integrated **Prometheus monitoring** and designed **Grafana dashboards** for KubeVault ⧉
- Contributed in reaching end users and getting feedbacks on newly added features through **live webinars** ⧉ and **technical blogs** ⧉

Kite Games Studio   **August 2020 – October 2021**
*Jr. Software Engineer*   *Dhaka, Bangladesh*
- Implemented AI effect feature using **ML Model** to detect humans and **OpenGL** to draw on Video frames. ⧉
- Designed and Implemented various features for different iOS apps.

Open Source Contributions

- **kubernetes-sigs/cluster-api :** Update Config generation to use inClusterConfig ⧉
- **kubernetes-sigs/cluster-api-provider-gcp:**
  - Added gcloud auth in user kubeconfig secret ⧉
  - Fixed a bug in clusterctl move operation ⧉
  - Create Cluster in User Provided Subnet ⧉
- **rancher/machine:** Fixed User-data pass in GCP Virtual Machine ⧉

Technical Skills

Technologies and Tools: Kubernetes, Docker, GKE, AKS, AWS, Prometheus, Git, Terraform, Helm, CI/CD
Databases and Systems: Redis, ZooKeeper, MySQL
Languages: Golang, C++, Python, Bash

Education

University of Chittagong   *January 2016 - December 2019*
Bachelor of Science in Computer Science and Engineering   **CGPA : 3.30/4.00**

Programming Contest Achievements

- Master on **Codeforces** with Maximum Rating of 2112   Handle: AbdullahAlShaad ⧉
  Top 3% worldwide and Top 1% in Bangladesh

- 1079th Position, **Google Code Jam 2020**   Handle: Shaad7 ⧉
  Top 1.12% considering total registrant

Projects

Currency Rate Server ⬀ | *Golang, MySQL*   **May 2024**
- Developed a REST API server for real-time currency exchange rates using MySQL for data storage.

- Designed endpoints for retrieving current rates, historical data, and statistical analysis.

Bookstore API Server ⬀ | *Golang, API Server, REST*   **January 2022**
- Developed an API server for an e-bookstore, enabling user registration, login, and CRUD operations.

- Implemented endpoints for retrieving, adding, updating, and deleting book and author details