Yousif Kahn

DevOps Engineer

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PROFILE

- An experienced **Senior Blockchain DevOps Engineer** with a consistent track record of delivering **high-quality**, **secure**, and **reliable web applications** in dependently and as part of a team.
- Possessing a **strong understanding** of **DevOps methodologies** and tools such as **CircleCI**, **Jenkins**, **Kubernetes**, **Docker**, **Terraform** and **Ansible**.
- Improved **application performance** speed by **5%**, reduced **security breaches** by **82%**, and decreased **quarterly costs** by **75%**.

PROFESSIONAL EXPERIENCE

Jul 2022 – Jul 2023
Toronto, ON, Canada

Firmex
Blockchain DevOps Engineer
- Overhauled the shell deploy scripts to implement a CI/CD process that reduced the time to deploy **from 5 hours to 5 minutes**.
- **Led a team of 6 members** in the transition from GCP to AWS ultimately saving the company **$100k annually** while **improving performance by 6%**.
- **Enhanced application performance by 5%** through backend optimization and redundancy reduction.
- Provided **technology leadership** for infrastructure, scalability, and performance **for 20+ employees**.
- Worked with partner teams (Help Desk/NOC) to streamline the support process, **improving efficiency by 10%**.
- Defined and designed solutions and features for senior management that **met 100% satisfaction**.

Jul 2019 – Jul 2022
Toronto, ON, Canada

Amdocs
Blockchain DevOps Engineer
- Designed and sustained **3 major blockchain applications** using various programming languages and frameworks such as **GoLang**, **Javascript**, **Cosmos SDK**, **Go-Ethereum**, and **Hyperledger Fabric SDK**.
- Coordinated with product managers, engineers, and designers to ensure the blockchain platform met customer requirements, resulting in a **10% increase** in **user engagement** and a **15% increase** in **active users**.
- Processed over **100 thousands transactions per day** with upkeep blockchain applications
- Successfully implemented a **new continuous delivery pipeline** that improved the **speed** and **reliability** of software releases **by 50%** while reducing the number of **production incidents by 25%.**

Jul 2015 – Jul 2019
Calgary, AB, Canada

Benevity
DevOps Engineer
- Developed automation code for **building 30+ pipelines**, **Kubernetes clusters**, and **cloud infrastructure**, achieving **92% efficiency** and performance throughout the website.
- Removed over **10+ redundant servers** and consolidated databases, which decreased **75% of quarterly costs** YoY.
- Implemented using KubeKit to install Teradata Vantage o**n 5+ Production Kubernetes clusters** with **10+ nodes** for Teradata applications and Kubernetes plugins.
- Reduced **security breaches by 82%** by guiding **15+ key clients** on strict endpoint digital security practices in the first month of employment.

SKILLS

Programming Languages
Python, Bash, GoLang, JavaScript, TypeScript, Java

CI/CD
Jenkins, CircleCI, GitHub Actions, ArgoCD, Harness

Containerization
Docker, Kubernetes, EKS, GKE

Infrastructure as Code and Configuration Tools
Terraform, Ansible, Crossplane, CloudFormation, Puppet, Chef, AWS CDK

Blockchain Technology
Ethereum, Cosmos SDK, Hyperledger Fabric SDK, Web3, Solidity

Monitoring and Logging
Grafana, Prometheus, Datadog, Splunk

Operating Systems
Linux, Windows Server

Cloud Computing Platform
AWS, Google Cloud Platform, Microsoft Azure, OpenStack, VMware vCenter, Digital Ocean

EDUCATION

Sep 2011 – Jun 2015
Calgary, Canada

University of Calgary
Bachelor's degree in Computer Science

LANGUAGES

English ● ● ● ● ● 　　　Chinese ● ● ● ● ●