Trinh Minh Trieu

Cloud Engineer

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SUMMARY

AWS Certified DevOps Engineer with 2+ years of experienced designing and implementing scalable solutions using EC2, S3 and CloudFormation. Proficient in deploying and managing containerized applications using Docker and ECS, and implementing CI/CD pipelines with GitHub Action and AWS CodePipeline.

Experienced IT System Administrator with 3+ years of expertise in managing both Linux and Windows server environments. Proficient in automating tasks and streamlining processes through advanced scripting skills using Bash and PowerShell.

An experienced Network Infrastructure, have ability design, deploy, monitoring the networking of a company, ensure network operations operate stably and smoothly.

WORK EXPERIENCE

FPT Software – DaNang, VN   01/2023 – present

DevOps Engineer

- Designed architecture & estimated cost infrastructure on AWS Cloud
- Executed a project to shift from on-premise to AWS cloud, resulting in 70% faster deployment time and 45% reduction in infrastructure costs
- Managed AWS resources via IaC utilizing Terraform and AWS CLI leading to 35% reduction in configuration time.
- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work
- Designed and implemented a highly scalable, secure CI/CD pipeline, faster delivery of updates and features
- Enabled infrastructure resilience and real-time monitoring by integrating AWS CloudWatch, leading to decrease in incident response time by 65%.
- Implemented Docker for containerization of applications, resulting in 50% reduction in server usage and cost reduction.
- Improved system reliability by incorporating error tracking tools which decreased the system downtime.
- Deployed monitoring solution using the Prometheus and Grafana, improving visibility of application performance metrics and reducing resolution time.

Acecook VietNam – DaNang, VN   02/2020 – 12/2022

System Administrator

- Managed system upgrades, reducing system crashes and increasing efficiency.
- Increased system stability by 30% via advanced troubleshooting and root cause analysis methods.
- Amplified network security posture by developing and implementing an intrusion prevention plan that reduced security incidents.
- Achieved integration of diverse IT systems, resulting in a unified and more manageable IT environment.
- Deployed monitoring solution using the Zabbix system, tracking uptime devices.
- Planned and replaced failing devices on servers to ensure continuous system reliability and performance.

PREVIOUS EXPERIENCE

One Corp. – DaNang, VN   10/2018 – 12/2019

Network Engineer

EDUCATION

Danang University of Science and Technology – DaNang, VN   12/2019

Engineer of Science - Networking

SKILLS

Cloud Technologies: Amazon Web Services (AWS), Cloud Security, Cloud Networking, Cloud Databases
Infrastructure as Code: Terraform, AWS CloudFormation
DevOps & CI/CD: Docker, ECS, Github Actions, Jenkins, Code Build, Bamboo CI
Database: MySQL, Oracle, PostgreSQL, SQL Server
Monitoring & Performance Tools: CloudWatch Logs Insights, Prometheus, Grafana, Zabbix
Programming & Scripting: Python, Shell Scripting, SQL, Power Shell,
Operating Systems & Infrastructure: Windows Server, Linux/Unix, VMWare, Docker, AWS

OTHER

Certifications:

- o Linux Foundation Certified IT Associate (LFCA)
- o AWS Certified Solution Architect – Associate (SAA)
- o Information Security Management
- o Information Technology Infrastructure Library (ITIL)
- o Microsoft Certified Solutions Associate (MCSA)
- o Cisco Certified Network Associate (CCNA)

Awards: Secured 2nd place in the AWS Jam Challenge Security competition (2023)