



# SON CAO

SITE RELIABILITY ENGINEER, DEVOPS ENGINEER, AUTOMATION ENGINEER • HA NOI, VIET NAM • 0855188833

## ◦ DETAILS ◦

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Ha Noi  
Viet Nam  
0855188833

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Date of birth  
04/08/1991

## ◦ SKILLS ◦

Cloud, Azure, AWS, GCP  
Docker, Nomad, Kubernetes  
Terraform, Ansible  
Python, Linux  
Gitlab, Github  
Kafka, Redis  
ElasticStack, Splunk, Datadog



## PROFILE

- Over 9 years of IT industry experience in roles including DevOps / Site Reliability Engineer Automation Engineer.
- Certified in AWS and Azure
- Effective in both independent and collaborative team environments
- A quick learner and willing to take on challenging tasks to contribute to project success



## EMPLOYMENT HISTORY

### Site Reliability Engineer at Xendit

June 2022 — February 2024

- Implemented a spot EKS Nodegroup infrastructure that significantly reduced EKS infrastructure costs
- Plan and perform cluster upgrades for a dozens EKS clusters regularly
- Set up secure connections between Shopify and a third-party service using Cloudflare, managing WAF rules for security compliance with features like rate limiting and IP whitelisting
- On-call Duty every 2 month becoming the primary responder for all ad-hoc requests and emergencies, join the war room and contribute to vary postmortem action
- Utilizing Datadog and Splunk, analyzed system performance, identified and troubleshooted issues, and implemented solutions to enhance system throughput. Additionally, created Datadog dashboards and custom metrics to monitor ad hoc metrics such as domain and certificate expiry
- Support the product team and mentor other colleagues, actively participating in PR reviews to ensure that best practices, coding standards, and project requirements are followed
- Contribute to the regional migration service from Oregon to the SG region for various product teams, transitioning from RabbitMQ to Kafka and AWS SQS
- Provide guidance to the product team on utilizing Kubernetes such as Ingress, Jobs, CronJobs, resource utilization.
- Contribute to the team's Terraform module and Helm chart. Implement IAC following a team-centric strategy to enable product teams to self-serve provision various resources, and manage their team permissions

### DevOps Engineer / Site Reliability Engineer at One Mount Group, Ha Noi

December 2019 — April 2022

- Designe and implemente the infrastructure CI/CD pipeline for a new development project, effectively managing urgent requests within deadlines
- Write CICD template for development team to reuse
- Contribute significantly to the Data Platform project by assisting in setting up CDC with Oracle and Confluent Kafka, building ingestion infrastructure using Spark Operator and K8s
- Improved workflow, pipeline, and build speed by reducing build time by 80%. Achieved by utilizing Gitlab Runner on local SSD and significantly increasing concurrency with K8s runner using Docker in Docker

- Provided support and troubleshooting for infrastructure, environment, network, deployment, and runtime issues
- Migrate services from DataCenter to GKE in Google Cloud.
- Built and maintained centralized self-hosted DevOps tools, including Gitlab, Kafka, Elasticsearch, and Artifactory

#### DevOps Engineer at Niteco, Ha Noi

March 2019 — December 2019

- Pioneered member to Setup DevOps life cycle and Managed Services process
- Proactive handle and support client via the ticket system and on-call
- Design and build up system architecture on Cloud
- Contributed to project bids

#### Automation Engineer for Telstra at FPT Software , Ha Noi

March 2018 — March 2019

- Manage and optimize infrastructure and enterprise applications, satisfy all stakeholders.
- Respond to high severity production issues escalated by operations teams
- Contribute to the migration strategy of Atlassian applications to AWS
- Work closely with the development team to ensure the successful deployment and operation of their application.
- Support thousands of users in the Atlassian ecosystem: Tools configuration, problem investigating, suggest best practice.

#### AWS Cloud Engineer for Essent at FPT Software , Ha Noi

June 2017 — March 2019

- Manage and operate a large scale system on AWS
- Monitoring Infrastructure, Application 24/7
- Contribute to system architecture design.
- Technical support for client
- Proactively monitoring customer system and application

#### Quality Assurance Engineer, Ha Noi

2015 — 2017

- Working on Product Kofax Total Agility and Kofax Front Office Server
- Study requirement and design test case, test charter, test script. Run daily Automation test and manual test.
- Maintain Test Environment in the Azure cloud.
- Support developer in fixing bug and troubleshoot problem,
- Daily Report and communicate with team in USA.



## EDUCATION

#### Bachelor, Genetic Bach Khoa, Ha Noi

2009 — 2014



## CERTIFICATION

#### Microsoft Certified Azure DevOps Engineer Expert

August 2019 — August 2021

#### Microsoft Certified Azure Solution Architect Expert

May 2019 — May 2021

#### Microsoft Certified Azure Administrator Associate

July 2019 — July 2021



**AWS Certified Solution Architect Associate**

December 2017 — December 2020

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