

# Duy Viet Nguyen, SRE/Cloud Architect

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LINKS	<a href="#">Linkedin</a> , <a href="#">Github</a>	
PROFILE	<p>Experienced Cloud Architect with expertise in AWS, GCP, and DevOps automation.</p> <p>Skilled in designing scalable, cost-effective cloud solutions and leading SRE teams.</p> <p>Passionate about building efficient cloud infrastructures and implementing CI/CD best practices.</p>	
CERTIFICATES	<p>AWS Certified Solution Architect - Professional -- Certified 2016</p> <p>AWS Certified Developer - Associate -- Certified 2017</p> <p>Google Cloud Certified - Associate Cloud Engineer -- Certified 2019</p> <p>MCSE: Cloud Platform and Infrastructure -- Certified 2017</p> <p>MCSA: Windows Server 2012 -- Certified 2012</p> <p>VMware Certified Professional 5 -- Certified 2015</p>	
EDUCATION	Sep 2009 — Jun 2014	<p>Engineer degree of Electronics and Telecommunication, Hanoi University of Science and Technologies</p> <p>Hanoi</p>
EMPLOYMENT HISTORY	Aug 2022 — Dec 2024	<p>Senior DevOps/SRE Engineer, Picket Inc</p> <ul style="list-style-type: none"><li>Designed and implemented a multi-account AWS architecture, improving security and scalability.</li><li>Optimized Git strategy by migrating CI/CD pipelines from Jenkins to GitHub Actions &amp; ArgoCD, reducing deployment time by 40%.</li><li>Led the migration of applications from EC2 to EKS, improving scalability, resilience, and deployment speed.</li><li>Reduced AWS cloud costs by \$3,000/month through Reserved Instances, right-sizing, storage optimization</li><li>Built a multi-account AWS VPC architecture using CDKTF (TypeScript), enabling infrastructure-as-code best practices and improving development efficiency.</li></ul> <p>Key Technologies: EKS, Terraform CDK, Docker, Jenkins, GitHub Actions, ArgoCD, TypeScript</p>
	Apr 2022 — Aug 2022	<p>Self-Employed</p> <ul style="list-style-type: none"><li>Designed and migrated a new VPC for a trading company in Dubai, enhancing security and network performance.</li><li>Supported AWS Service Catalog operations for an organization managing 900+ AWS accounts, optimizing governance and automation.</li><li>Developed and deployed AWS Lambda functions (Python) to automate account maintenance and compliance checks.</li></ul> <p>Key Technologies: Python, AWS, Terraform, Bitbucket Pipeline, GitHub Actions, Jenkins</p>
	Dec 2018 — Apr 2022	<p>Cloud Architect/SRE Team Lead, One Mount</p> <ul style="list-style-type: none"><li>Led a team of 13 SRE engineers, improving system reliability and reducing incidents through automation and proactive monitoring.</li><li>Designed and implemented Git strategy &amp; CI/CD pipelines to streamline deployment workflows, enhancing developer efficiency.</li><li>Defined and enforced SLO, SLI, and SLA policies, improving service reliability and aligning with business objectives.</li><li>Architect-ed Data Platform leveraging Spark, Delta Lake, GCS, and Dremio, enhancing big data processing capabilities along with Data Engineer team.</li><li>Built and managed a robust Data Serving Layer using Superset, PowerBI, and GoodData, enabling data-driven decision-making.</li></ul>

Key Technologies: GCP, GitLab, GitLab-CI, Terraform, Docker, Vault, Istio, Kubernetes

Aug 2015 — Dec 2018

Cloud Architect, FPT Software

- Led digital transformation initiatives for multiple FPT clients, modernizing legacy systems and migrating workloads to the cloud.
- Designed and implemented AWS-managed services for enterprises, enhancing scalability and reliability.
- Provided L2 & L3 support for AWS services and cloud applications, resolving technical incidents.
- Worked on-site with international clients in the Netherlands (Essent Office) and the US (Jeppesen Office), delivering hands-on cloud consulting and system optimizations.

Key Technologies: AWS, GitLab, GitLab-CI, Terraform, Docker, Vault, Consul, Kubernetes

Apr 2014 — Aug 2015

Technical Support Engineer, Tek-experts

- Provided L3 technical support for enterprise customers, troubleshooting and resolving critical issues across HP Operations Manager (Windows & UNIX/Linux), HP Operations Agent, and HP Operations Manager Integration.
- Specialized in monitoring and observability solutions, handling Web SPI (WebLogic & WebSphere), DB SPI (MSSQL, Oracle DB, DB2), and SISPI (System Infrastructure SPI).
- Assisted enterprise clients in optimizing performance, resolving system outages, and ensuring high availability of critical IT infrastructure.
- Developed technical documentation and knowledge base articles, improving issue resolution efficiency

Key Technologies: HP Operations Manager, WebLogic, WebSphere, MSSQL, Oracle DB, DB2, System Infrastructure Monitoring

SKILLS	Kubernetes	DevOps
	Cloud Computing	Leadership
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LANGUAGES	English	Highly proficient