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|  |  | |  |  | | --- | --- | |  | (+84) 975 66 97 75 | |  | hieulp@1DevOps.io | | LinkedIn: Jobs, Business News & Social Networking - Ứng dụng trên ... | <https://www.linkedin.com/in/googlesky/> | | Skype - IM & gọi video miễn phí - Ứng dụng trên Google Play | le.phuong.hieu | |  | | |
| Hieu Le Phuong (Mr.) |  |
| SRE/DevOps |  |

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| **HIGHLIGHTs** |
| * Over 12 years of experience in DevOps, systems administration, and network management, ensuring high availability and performance of critical systems. * Proven track record of building and managing Kubernetes clusters from scratch, enabling scalable and reliable deployments. * Reduced cloud computing costs by 30% through resource optimization and implementing cost-saving strategies. * Expertise in designing, implementing, and troubleshooting complex computer networks, ensuring secure and efficient data communication. * Successfully migrated a large-scale system from AWS to Azure for an AI-focused company, minimizing downtime and ensuring a smooth transition. * Implemented CI/CD pipelines using Jenkins and GitLab-CI, automating the software development lifecycle and reducing time-to-market. * Proficient in programming languages such as Python, Golang, and PHP, leveraging them to develop efficient automation scripts and tools. * Managed infrastructure and provided technical support for ZaloPay, a leading e-wallet company in Vietnam with over 10 million users. * Developed and maintained a high-traffic torrent website with 300,000 total users and 75,000 concurrent users, ensuring optimal performance and user experience. * Holds a Cisco Certified Network Associate (CCNA) certification, demonstrating a strong foundation in networking principles and technologies. |
| **TECHNICAL SKILLS** | |
| * **Programming Languages:** Golang (1 Year), Python (3 Years), PHP (5 Years), Shell script * **CI/CD and Automation:** Jenkins, Gitlab-CI, GitOps, Ansible, Terraform, Helm/Helmfile * **Operating Systems:** Linux (ArchLinux, CentOS/RHEL 7, Ubuntu), Windows, Unix * **Virtualization and Containerization:** Docker, Kubernetes, Openshift * **Databases:** MySQL/MariaDB, Oracle Database, Microsoft SQL, MongoDB Atlas, TiDB * **Cloud and Infrastructure:** AWS (EC2, S3, RDS, EKS, IAM, Security Hub,...), Microsoft Azure (AKS, Postgresql, Alert, WAF,...), Google Cloud, OpenStack * **Computer Networking:** Network Design and Troubleshooting, Cisco Certified Network Associate (CCNA), PfSense, OpenWRT, DD-WRT * **Monitoring, Logging, and Reporting:** Grafana, Prometheus, ELK, Exporter * **Security:** Docker Sec, Prowler, Trivy, Falco, Open Policy Agent (OPA) * **Version Control:** Git, Subversion * **Build Tools:** Ant, Maven, Gradle, Go * **Development Tools:** Visual Studio, IntelliJ IDEA, Sublime Text, Atom * **Others:** Jira, Confluence, Robot Framework, Hadoop, Kafka, Impala, Apache Kudu, Memcache, Redis, Apache/Tomcat, Spring MVC | |
| **RELEVANT PROJECT**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **[PERSONAL project] Devops engineer (12-2022 – NOW)**  *DevOps*  Artificial intelligence-focused companys. Build and migrated system from AWS to Azure.   |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * CI/CD * DevOps services * Communication as Senior DevOps * Build the deployment system * Blue team | * Azure (AKS, Storage Account, Virtual machine, Postgresql + Mysql single/flexible server) * MongoDB Atlas * Jenkins, Gitlab-CI * Bash-script * Helm * ArgoCD * Docker Sec * Llama, GPT-4, LLM |   **[Parcel perform] Devops engineer (7-2022 – 12-2022)**  *DevOps*  Parcel Perform is company working in logicstic. Parcel Perform is the leading delivery experience platform. It enables modern e-commerce enterprises to create unique end-to-end customer journeys and optimize logistics operations with powerful data integrations, parcel tracking, delivery notifications and logistics performance reports in real-time.   |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * CI/CD * Dev-Ops services * Communication as DevOps * Build the deployment system * Optimize and fix bug * Blue team | * AWS (RDS, EC2, ASG, EKS, S3, Round53, IAM, AMI, MSK, ElasticCache, Security Hub...) * Gitlab-CI / GitOps * Bash-script * Terraform * Helm/Helmfile * Spark/Flink * Prowler/Trivy/Falco/OPA/Docker Sec |   **[home Credit] Devops engineer for HomeX (7-2021 – 7-2022)**  *DevOps*  They are a finance company. HomeX is core system provide documentation service and disbursement service. My responsibilities is keep it safe and stable, contributing the CI/CD and working flow that is survival of Sale, Remote Sale in particular and Home Credit in general.   |  |  | | --- | --- | | **Responsibilities** | Technologies | | * CI/CD * Dev-Ops services * Communication as DevOps * Build the deployment system * Improve CI/CD work flow | * Microsoft Azure (Alert, Postgresql, Oracle Database, WAF,…) * Kuberneties (AKS) * Python/Golang for Tooling |     **[VNG] Site Reliability Engineer & Devops engineer for Zalopay (6-2020 – 7-2021)**  *SRE/SO/DevOps*  They are a e-Wallet company. They provide financial technology and payment gateway for many other companies for many years. My role and responsibility are collaborating with developer for deploy infrastructure, application, … When something wrong happened, I am is the first line they call.   |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Setup and maintain infrastructure:   + Servers   + Infrastructure services (k8s, tidb…) * Setup CI/CD. * Troubleshooting/investigate incidents. * Build the deployment system * Improve CI/CD work flow | * Kubernetes   + Ingress   + Metallb   + RBAC   + … * TiDB/MySQL * Memcache/Redis/Kafka * Ansible * Jenkins scripted pipeline * Linux/Windows/Unix * Shell script * Python/Golang * Networking |   **[TMA] A healthcare project (12-2019 – 06-2020)**  *DevOps*  They have a huge of data from their clients. They want to use Azure to process them to an expected format for features in the future.   |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Setup and maintain Azure pipeline. * Collect data from sources and process with Data Factory. * Store data with expected format. | * Azure * Python |   **[TMA] CI/CD for Financial technology company AT thailand (03-2019 – 12-2019)**  *DevOps*  They are a bank. They provide financial technology for many other companies for many years. The DevOps project helped to improve their software development process by apply cloud and automation techniques. They have more than 100 projects still keep running and updating in financial technology.   |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Setup and maintain CI/CD to build and testing the product, includes:   + Testing environment deployment   + Functional Tests * Build the deployment system * Maintain and manage automatically many kinds of servers, includes:   + Linux server   + IBM Unix   + Windows * Improve CI/CD work flow | * OpenShift / AWS * Docker * Jenkins scripted pipeline * Linux/Windows/Unix * Shell script * Python * Jfrog products * Networking |   **[TMA] CONTENT DELIVERY NETWORK (01-2019 – 03-2019)**  *DevOps*  The product enables network service providers to build their own content delivery network (aka CDN) for streaming videos, leveraging network intelligence and subscriber data. This enables them to capitalize on growing consumer demand for rich digital media on any screen. | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Set up and maintain CI/CD to build and testing the product, includes:   + Testing environment deployment   + Functional Tests   + Performance Tests   + Security Tests * Build the deployment system | * Kubernetes * Jenkins pipeline * Gitlab-CI * Terraform * Puppet * OpenStack * Grafana, Prometheus, Node Exporter * Docker * Python * Robot framework | | | |
| |  | | --- | | **[TMA] Network Performance Management System (07-2018 – 12-2018)**  *DevOps*  The product is a web application that monitors performance of multivendor, multi-application and provide both historical and near-real-time views covering everything from Networks Devices and Server to VoIP and Web traffic to mission-critical applications and network resources  The product also supports Big Data Analytic feature, which is built based on big data technologies such as Hadoop, Impala, Kafka, Kafka connect, Apache Kudu.  The product is using a lot of technology such as C/C++, Java, JavaScript, Python…  DevOps will develop pipeline to build and deploy the product to customer’s artifactory. Networking skills are needed to work remote in customer’s systems and understood how customer’s systems work. | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Develop build pipeline in Customer’s Kubernetes * Change from build in dedicated servers to cloud. * Register and carry out procedures for the product in customer’s systems. | * Kubernetes * Networking * Cloud Enterprise * C++, Java * JavaScript, Shell script * Spring MVC * MariaDB * Hadoop, Kafka, Impala, Apache Kudu * Apache/Tomcat * JIRA, Confluence * Git | | | **[TMA] MS CORE FOR HOAN VU LAB (05-2018 – 07-2018)**  *DevOps*  The product is a desktop application control a machine that used to check food quality running in a Windows machine. The desktop application will set and get information from a Zedboard to control the machine to check food quality. The information will store in a server for user can view in future with cloud support.  The product using many technologies such as Spring MVC, C/C++, C#... and various types of equipment such as server Linux, embedded devices, and cloud.  DevOps have mission to create pipeline to continuous integration / continuous delivery, build server build based on Linux and docker, auto scale build flow, deploy firmware and server services to server and Zedboard. | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Apply CI/CD to build and deploy the product. * Develop pipeline and shell script. * Create setup package. | * Networking * Jenkins pipeline * Linux, Windows * Cloud Enterprise * C/C++, C#, Java * Jenkins pipeline, Shell script * MariaDB * Git | | | |
| |  |  | | --- | --- | | **[PERSONAL project] Sysadmin & developer at hdvnbits.org (05-2012 – 2017)**  *Sysadmin*  HDVnBits.Org is a torrent website with 300k users in total and 75k users active same time in its heyday. It is a file sharing service and streaming in P2P protocol that uses MySQL and PHP, Bootstrap. | | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Backup and maintain website * Develop new feature * Manage users and file sharing | * PHP * Bootstrap * Git * MySQL * P2P protocol * Linux * File sharing service (Samba/NFS) * Networking | | | | **[CTU University] helpdesk guy (09-2009 – 07-2013)**  *Helpdesk service*  CTU University has an e-Library, I am a helpdesk guy to support users using Linux computers and resolve their problems with network and computer. | | | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Repair computer * Resolve problems (includes network problem and computer problem) * Install infrastructure | * Networking * Hardware | | | | | **[PERSONAL project] it for a coffee shop (09-2011 – 05-2013)**  *IT support*  It name’s Cara Coffee, a big coffee shop in Can Tho City. It has 3 branches in 3 places and my task is to make the huge data in 3 branches synchronize with each other | | |  |  | | --- | --- | | **Responsibilities** | **Technologies** | | * Backup and maintain file sharing service * Design network * Security | * P2P protocol * Linux/Windows * File sharing service (Samba/NFS) * Networking | |   **EDUCATION** | |
| |  |  |  |  | | --- | --- | --- | --- | | ***Can Tho University***– Vietnam  *Communications and computer networks* |  |  |  | |  |  |  |  | | |

**Award and certificate**

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| ***Can Tho University*** – Vietnam  *Cisco Certified Network Association (CCNA)*  Issued 05-2013 – Expired 2014  ***ACM ICPC*** – Vietnam  *Secondrate branch open source*  Issued 08-12-2017  ***TMA*** – Vietnam  *PROMOTEd to devops*  Issued 12-2018  ***Zalopay*** – Vietnam  *PROMOTEd to senior devops*  Issued 4-2021 |  |  |  |
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