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PROFESSIONAL STATEMENT

Over 7 years' experience as a Technical Architect and Solution Architect AWS technologies to deliver a top-quality ICT service to business.

Also serving as a DevOps Lead in Contemi Solutions, I spearhead teams that consist of up to 13 developers to reduce time to market with application using automation efforts and Continuous Development pipelines. Efforts driven ~60% reduction in timeline market.

I also have experience in providing support of Cloud Architect strategy, delivery IT services network and excellent collaborator across multiple regions. I believe that with my experiences and skills I can be the part of your company.

SKILLS

Professional certificates:

- AWS: Solutions Architect Associate; Solutions Architect Professional; SysOps Administrator Associate, Developer Associate.

- Azure: Cloud Platform – 70-532; 70-533; 70-534.

Technologies

Cloud Technologies (7 years)

- DevOps strategy in Azure DevOps, AWS services and Hybrid mode

- Deployment the IoT for the global project using Azure Data Warehouse – Azure
  CosmosDB – Azure IoT – Azure AppService

- Machine Learning AWS for bots.

- AWS DevOps CI/CD, CodeCommit, CodePipeline. CodeBuild with ECS, Fargate profile.

- LXC (based on Debian), Amazon cloud, IBM cloud, VMware cloud, Windows Azure and Kubernetes.

- Docker, Docker Hub, and Docker Swarm.

- Office 365, included with EMS – MS Intune integrated with Azure A.D

- AWS SSO (Control Tower) integrated with Azure AD && AD on-premises

- MySQL - Linux, DocumentDB/ CosmosDB – Azure, MongoDB/Hadoop – AWS, Beanstalk, CloudFormation

Domain insurance (5 years)

- Develop new insurance products and introduces online applications that capacitate them. These software tools are created using the latest technologies as parts of a micro-services landscape, and from the beginning are cloud native (CNCF)

- Tasks such as building, deploying and connecting these applications belong to the "infrastructure as code" (IaC) developed by me.

- Infrastructure as code Terraform, CloudFormation, Helm, SaltStack

- CI/CD: Jenkins, GitHub, Docker, Kubernetes (EKS, on-premises Rancher)

- Clear separation of concerns between developers and infrastructure using separate IaC repos

- Automated CI/CD (Jenkins, Github, tagging/branching, web hooks, ECR, Nexus, Docker, NPM)

- Build and deploy pipelines (Jenkins, Groovy, scripted, shared libs, custom DSL, Python)

- Build and deploy pipelines Gitlab-CE (gitlab-ci)

- AWS cloud infrastructure (CloudFormation, Route 53, DynamoDB, SES, SQS)

- AWS security (Certificate Manager, S3 bucket encryption, load balancers, TLS)

- Monitoring (Kibana, ELK, EFK, Kubernetes logs - stdout)

- Bridging between developers and project management

- Remote work with different corporate teams.

System Engineer (5 years)

- Windows server 2003/2008, also familiar hardware ISA Cisco, VPN, VLAN, Mail Exchange, SharePoint, VS SourceSafe, MS Live box, MS ISA 2004 - 2006, Intranet, SIP phone PABX, …

- SNS, Application Insight, OMS, Splunk, Zabbix.

- Kubernetes (K8s) to deploy micro services: FINTech, eCommerce.

- MCSA 2012. CEH.

- Security data storage, redundant data Cylinder.

- Office 365. Including with EMS – MS Intune ● CentOS/Debian/Ubuntu server.

Programming Language and Scripting (5 years)

- Perl

- PowerShell / Bash

- Ruby and Chef

- Python, YAML and XML

Active Directory (AD - LDAP) (8 years)

- Manage AD objects such as OU, Users, Computers, Printers, Groups, LDAP

- Synchronize between Exchange Services and AD Services

- Manage User's access privileges - GPO

VPN (Virtual Private Network) (5 years)

- Site to site VPN connections

- VPN network for Business Continuity Plan

- Manage VPN Access

TCP/IP (10 years)

- DHCP, VLAN, Wi-Fi, Firewall/proxy, NAT and DNS

Databases (10 years)

- MSSQL

- MySQL - Linux, DocumentDB/ CosmosDB – Azure, MongoDB/Hadoop – AWS

Others

- Webex, CCNA, Virtual Box, GitHub, Gitlab, Unity, Machine Learning

- Continuous Integration (CI): Chef, Puppet, SaltStack

- Office 365 Administration.

WORK EXPERIENCE
06/2020 – Present: DevOps Lead - Contemi Vietnam.

The major work is developing the core insurance, outsourcing and software development. The company take over the business from UK, Norway, Singapore and Southeast Asia. We do accept projects on non-insurance software too, if we are confident that we can provide highquality products.
Also managed the DevOps team (outsourcing) which is provided the solutions and action the CI/CD framework in every project running in Contemi Solutions.

Responsibility:
Have the roles managed the teams working long-term for global customers:
- Offering the design, implement, manage AWS-hosted included the on-premises infrastructure like network, storage and security.
- Using the AWS managed services: AWS Control Tower, AWS DevOps, RDS and EC2 to deliver the product on the customer side.
- Maintain and develop the IaC using Terraform and Helm.
- Refactor the existing IaC from another project and centralize.
- Configure CI pipelines and containers deployment.
- Tune and enhance the monitoring services: Icinga2, Prometheus/Grafana, X-Ray
- Collaborate with Global team to align with their changes to the infrastructure or new deployment on K8s
- Scripting: Python, Bash, lint, yaml
- Automation: Terraform (main), SaltStack (main), CloudFormation, Kafka, Helm, GitlabCI.
- Managed team DevOps to support external customer.

I'm familiar with AWS architect for long, but not have much in Azure DevOps (TFS). Currently I am most interested in Azure architect environment – the ECO systems, VMWare orchestration and Oracle cloud.

05/2018 – 08/2020: Principal DevOps of DXC Technology Vietnam.

The major work is outsourcing, software development, and group insurance project … The company take over the business from India, Australia, France, Southeast Asia, and Singapore. Also managed the DevOps team (outsourcing) which is

provided the solutions and action the CI/CD framework in every project running in DXC Vietnam.

Responsibility:
Have the roles managed the teams working long-term for global customers:
- Offering the design, implement, manage the AWS-hosted included the on-premises infrastructure like network, storage, and security.
- Using Azure managed services: Azure A.D, Azure DevOps and VM Scale set to deliver the product on the customer side.
- Deliver on project and business-as-usual requirements specific to infrastructure onpremies and AWS services through Development, Staging, and Production environments.
- Provide technical support and participate in 24x7 on-call roster including consulting with third-party vendors.
- Actively involved in on-call rotation and provide direct support during emergencies, outages, and service transitions.
- Deploying, automating, maintaining, and managing AWS cloud-based systems, Azure cloud services and managed the VM on-premises (DC – DR sites)
- System troubleshooting and problem solving including with tracking system to drill down the code error – services – and systems.
- Scripting: PowerShell, Perl, Python, Bash script.
- Automation: Chef, Ansible, Jenkins, Terraform (main), CloudFormation, Kafka, CircleCI, GitlabCI.
- Managed team DevOps to support external customer.

06/2016 – 11/2018: Technical Architect of Robert Bosch Engineering and Business Solutions
Member of the team from Germany, India and Turkey, which is developed the IoT – Smart City in worldwide. In Bosch Group, we support over 1500 users in Vietnam.

Responsibility:
I have also lead the teams working long-term for global customers:
- Design, implement, manage Azure services & on-premises infrastructure including servers, applications, storage, virtualization, network, and security.
- Manage and deploy Office 365 including with EMS for external resourcing
- Actively involved in on-call rotation and provide direct support during emergencies, outages, and service transitions.
- Actively involved to Azure IoT, environment dev and prod for the whole team in worldwide. Scale the system and support connection with PowerBI.
- Create long-term and short-term strategies for scaling the application hosted in production environment.
- Build Internal tools using for daily tasks in Bosch Vietnam

- Scripting: PowerShell, Perl, Bash script.

04/2015 – 06/2016: Senior Consultant of TMA Solutions.

The major work of TMA Solutions is outsourcing, software development, Avaya telecom… The company came from Vietnam and has more than 5 locations in Ho Chi Minh City with 1500 staff.

Responsibility:
- In Windows system: Windows server 2012. Microsoft Azure (Active Directory,
  Exchange, SharePoint on Virtual Network)
- In Linux system: CentOS/Debian/Ubuntu server – Docker Swarm
- In Cloud system: AWS- CloudFront, S3, E C2, RDS, Microsoft Azure- Active
  Directory, Exchange, SharePoint on Virtual Network…
- Optimize the game mobile server (backend), operation the dashboard for sales team.
- Answer email and create – solve – closed ticket system.
- Using Docker: create the environment for developer.
- Learned Perl language, studying Ruby and Chef.
- Parse log file for the customer report.

07/ 2013 – 04/2015: IT Supervisor of NNR Vietnam Global Logistics Company.

The major works of the NNR is logistics and air/sea freight. The company came from Japan and had 43 staff. *Only I work with IT outsource on IT.*

Responsibility:
- Providing support of IT hardware, software (including ERP - VPN), servers (IBM X3650 M4, Dell, and HP), laptops, networks (including Cisco router), and voice conference Polycom…
- Maintained Windows system: Windows server 2008, also familiar hardware ISA
  2006 and Cisco hardware, antivirus ESET NOD 32 (Server/Client), Wireless Draytek, VPN, VLAN (4 VLAN), Office 365, SIP phone PABX …
- Maintained Linux system: CentOS server to distributed files, webpage, mail server and built-in firewall filter content type by iptables …
- Experienced on LXC (based on Debian), Amazon cloud, IBM cloud, VMware cloud,
- Windows Azure ... (only VMware cloud – depended on IT Head Office in USA)
- Working on Perl programmer and rewrite-program to monitoring system server CentOS.

- Successful SIP phone server CentOS using PABX system (from USA – VN, Japan – VN)
- Repair office equipment (printer, fax, telephone, photocopy...)
- Accomplished in settings and meeting deadlines, planning, and developing methods for computerizing a range of business tasks by using ITIL skills, also apply 5S management.
- Optimum trouble-shooting and problem-solving abilities developed.

05/2010 – 07/2013: IT Supervisor of Dycom Company Ltd.

This is foreign company that specialized business system, wireless and security solutions, and on-line store.

Responsibility:
- Providing support of IT hardware: Managed server's clouds of our customer.
- Prepare the infrastructure LAMP server for developers.
- Answer the call from Skype. Delivery the ticket to our staff to solve the issues.
- Monitor the whole system by checking email report.
- Written the issues has been solved on wiki, and research new hardware to secure system.
- Distributed task for every member in the team.
- Weekly report to CTO.
- Concentrate on weekly meeting with new device arrived in Vietnam.

09/2008 – 04/2010: System Engineer at the Agilemobile Company.

The company that specialized business systems, software developed outsourcing. The company came from Thailand and had 28 staff…

Responsibility:
- Providing support of IT hardware: 30 PCs, 2 laptops, 4 servers, and 6 servers' cloud of our business.
- Prepare the infrastructure LAMP server for developers.
- Configure Ajax, Tomcat for communicate with server and mobile.
- Participate all project with developers: enhance security websites, md5 hash, basic code…
- Repair office equipment (printer HP, fax Panasonic, telephone polycom, mobile phone...)
- Upgrade, downgrade firmware mobile for testing: Android, iOS, Windows mobile, Nokia phone

- Integrated LDAP and Active Directory to control the code for our developers.
- Monitor all network issues: router, modem, lighting, cable…

12/2006 – 09/2008: System Engineer at MUTO Company

Company specialized business production the precision mold tool wares using by Canon, Sony … And have the staff of 2500, 80% products were exported to Japan. I've promoted to leader E within 6 months (05/2007), because I helped IT manager enhance Mail Mdaemon to anti-spam and make limit a size of mailbox for each user.

Responsibility:
- Providing support of IT hardware: over 400PCs, 4 server IBM. (4 member of team).
- Repaired pc, laptop, mainboard…
- Support users' access MVC program (ERP software) by VPN.
- Work with Japanese expert to make server VoIP.
- Create VPN connection with head office in Japan. - Report every issue to IT manager.

EDUCATION

Certifications

- Certificate of Completion Planning a Microsoft Cloud Solution.
- Certificate of AWS Solutions Architect: Associate & Professional
- Certificate of AWS Developer Associate.
- Certificate of AWS SysOps Administrator Associate.
- Successfully completed training course of: AWS Technical Essential
- Certificate of Completion PowerShell 3.0: Scripting and Tool Making.
- Successfully completed training course of: Cisco Certified Network Associate.

REFERENCES
Available upon request.