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## PROFESSIONAL SUMMARY

- **T-Shaped AWS DevOps Engineer** with experience in Engineering, Design, Development, and Implementation of Client/Server applications on enterprise scale as a **Cloud Engineer** and in **automating, building, and deploying** code on servers, **DevOps, build and release** management. Strong innovative and technical background as **AWS, DevOps, Cloud Management, Terraform and Containerization**.
- Exploring opportunities to solve complex problems as a **Management Consultant** in delivering results-driven Strategic goals and solving operational issues. Developing new strategies and innovation ideas backed by data.
- Responsible for leading **DevOps Engineering, Continuous Integration and Deployments**.
- Knowledge in managing multiple corporate applications into **GitHub** code management repositories and creating user level of access for related **GitHub** project directories to the code changes.
- Maintaining, branching, and tagging the versions across the environments using **SCM** tools like **GitHub**, and Rational Clear Case on **Linux** and **windows** platforms.
- Skilled in **Bug tracking** tool like **Jira**.
- Experienced in managing applications by implementing **AWS** services which includes **EC2, S3, EBS, VPC, ELB (Elastic Load Balancing), AMI, IAM, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Security Groups**.
- Knowledge on **MS Azure** and **GCP (Google Cloud Platform)** suite.
- Implemented and configured **Terraform** modules for deployment of various applications across **multiple cloud** providers and **managing infrastructure**.
- Expertise on **designing** project **workflows/pipelines** using **Jenkins** as CI tool and worked on building **Jenkins** jobs to create **AWS infrastructure** from **GitHub** repositories containing **Terraform** code.
- Managed various **infrastructure** activities like **Continuous Deployment, Stack monitoring** using **Chef Cookbooks** and **Integrated Chef** with **Jenkins**.
- Proficient on examining **Cookbooks, implementing, and deploying** them into **Amazon EC2**.
- Expertise in using **Docker** to run and deploy the applications in multiple containers.
- Used **Kubernetes** for automated deployments, scaling and management of containerized applications across clusters of hosts.
- Supported on **Nginx** for the **load balancer** configuration using **ELB** and **ALB** in **AWS**.
- Team player with excellent **interpersonal skills**, self-motivated, dedicated and understanding the demands of **24X7 system maintenance** and has good **customer support** experience.
- Highly motivated to learn **new developments** in **technology** with strong **analytical problem-solving skills** and a flair for creativity.

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## TECHNICAL SKILLS

<b>Cloud Services</b>	Amazon Web Services: EC2, S3, ELB, auto scaling, Elastic Beanstalk, Cloud Front, Cloud Formation, Elastic Filesystem, RDS, DMS, VPC, Direct Connect, Route 53, Cloud watch, Cloud trail, IAM, SNS, Redshift. <b>MS Azure, Google Cloud Platform</b>
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<b>OS</b>	Red Hat Linux 6/7/8, Ubuntu, Windows servers [2003, 2008, 2008 R2, 2012, 2012R2], Windows 7
<b>Methodologies</b>	SDLC, Agile, Waterfall, Kanban
<b>Configuration Tools</b>	Chef, Puppet, Ansible
<b>Containerization Tools</b>	Docker, Kubernetes
<b>CI</b>	Jenkins
<b>Build Tool</b>	Maven
<b>Web Servers</b>	Apache, Tomcat, WebSphere, Rest
<b>Atlassian Tools</b>	Jira, Bit bucket, Confluence, Bamboo
<b>Database Technologies</b>	DB2, PostgreSQL, SQL Server, MySQL, Mongo DB, No SQL,
<b>Version Control</b>	Git, GitLab
<b>Scripting languages</b>	Shell, Python, bash

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## WORK EXPERIENCE

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**Veridic Solutions, Atlanta USA**  
**AWS DevOps Engineer**

**January 2018 to October 2018**

### Responsibilities:

Client: **Thomson Reuters / Refinitiv (London Stock Exchange)** [ New York, 2018 ]

- Responsible for day-to-day Build, deployments in Dev, QA, pre-production, and production environments. Implemented AWS high availability using AWS Elastic Load Balancing (ELB), which performed balance across instances in multiple availability zones.
- Managing Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
- Managed and Configured AWS cloud infrastructure as code using terraform and continuous deployment through Jenkins.
- Configured Jenkins to implement nightly builds on daily basis and generated change log that includes changes happened from last 24 hours.
- Managed and maintained highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
- Worked on Chef as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manage changes and Written chef recipes to perform middleware binary Installation and Configuration tasks involving JDK, Tomcat binaries installation.
- Managed Docker deployment engines in Virtualized Platforms for containerization of multiple applications.

- Implemented containerization and immutable infrastructure. Docker has been core to this experience, along Kubernetes.
- Implemented rapid-provisioning and life-cycle management for Linux using Amazon EC2, Chef, and custom Bash, python scripts.
- Dealt with errors in pom.xml file to obtain appropriate builds using maven build tool.
- Worked with bug tools like JIRA.
- Designed and worked with team to implement ELK (Elastic search, Log stash and Kibana) Stack on AWS

Environment & Tools: Docker, Kubernetes, Jenkins, GIT, Chef, Terraform, AWS, EC2, S3, VPC, ELB, Cloud Watch, EBS, , Linux, Nagios, Maven, Apache Tomcat, Shell, and Python.

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## EDUCATION

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### **Master's in Computer Science - 2017**

Virginia International University - Fairfax, VA (U.S.A)

### **Bachelor's in Electronics and Communication - 2015**

Vignan's Institute of Technology and Aeronautical Engineering  
Jawaharlal Nehru Technological University – Hyderabad, India

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## CERTIFICATION/LICENSE

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- **AWS Certified Developer – Associate** [ Validation Number: 9LEPQWG1J24Q15CH ]
- Technology Entrepreneurship – HARVARD
- Strategic Management – WHARTON
- The Iterative Innovation Process – MIT
- Business Management – IIM-B (Strategy, Operations, Marketing, Finance, HR)
- Advanced Corporate Strategy – IIM-B
- Innovation and Entrepreneurship – UMD