

# Raghava N

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<https://ragha-netizen.github.io/ragha-netizen.io/#>

## TECHNICAL SUMMARY:

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Professional DevOps Engineer with 3 years of IT Experience and ability to accomplish all aspects of the Azure, AWS, GCP and DevOps in CI/CD pipeline, Build/Release management.

Expertise in DevOps, Configuration Management, Cloud Infrastructure, End - to End Automation which includes Azure, Amazon Web Services, Jenkins, and Linux. Experience in migrating On-premises infrastructure to cloud platforms like AWS/Azure and involved in virtualization using (VMware), Open Stacks and infrastructure orchestration using containerization technologies like Docker and Kubernetes. Highly proficient in segregating the Azure services as part of sprint planning and preparing the hardening checklist for each Azure services. Creating new Azure ARM templates and artifacts to update the existing PAAS services.

## TECHNOLOGIES:

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- CI/CD: Jenkins, GitHub/Bitbucket, Confluence, JIRA.
  - Cloud Platforms: Amazon Web services, Azure.
  - Microservices: Docker, Kubernetes, AWS ECS
  - Logging and Alerting: Prometheus and Grafana
  - IaC: Terraform
  - Web Servers: Nginx, Apache HTTP
  - Operating Systems: Windows, Linux, CentOS, Ubuntu
  - Databases: MySQL
  - Scripting: Python, Shell, PowerShell

## EDUCATION:

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Dalhousie University, Halifax

GPA: 3.3/4.0

***Master of Engineering in Internetworking, Sept 2018 – May 2020.***

Institute of Aeronautical Engineering, Hyderabad

***Bachelor of Technology in Electronics and Communication Engg, Sept 2013 – May 2017 GPA: 3.3/4.0***

## WORK EXPERIENCE

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RBC, Halifax, Canada

*Devops Engineer*

*12<sup>th</sup> Oct 2021 – present*

- Demonstrate thorough effective listening to identify customer technical needs, provide technical assistance and appropriate solutions.
- Infrastructure as Code (IaC): Created and managed infrastructure through IaC tools Terraform ensuring scalable, version-controlled, and consistent environments across development, staging, and production.
- Ensures customer satisfaction by responding to and troubleshooting customer technical concerns by being a single-point-contact; ensures timely escalation of customer problems, following up with escalation partners and providing status updates to customer as appropriate.
- Working as cloud Engineer, involved in configuration for Web apps/Function apps, V-net integration, HCM, Application gateway, App Insights, Active directory, Azure Key Vault, Encryption and Security on Azure.
- Configured and implemented storage blobs and Azure files - Created Storage accounts, Configured the Content Delivery Network (CDN), custom domain, Managing access and storage access key.
- Experience in Windows Azure Services like PaaS, IaaS and worked on storages like Blob (Page and Block), SQL Azure.
- Well experienced in deployment & configuration management and Virtualization.
- Worked on various Azure services like Compute (Web Roles, Worker Roles), Azure Websites, Caching, SQL Azure NoSQL, Storage, Network services, Azure Active Directory, API Management, Scheduling, Auto Scaling, and PowerShell Automation.
- Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
- Reproduced builds of the Kubernetes applications, managed Kubernetes manifest files and Helm packages and implemented Kubernetes to deploy scale, load balance, scale and manage Docker containers with multiple namespace versions.
- Experience on Vagrant, Azure and Kubernetes based container deployments to create self-environments for dev teams and containerization of environments delivery for releases.
- Used of Docker, Kubernetes and Open Shift to manage micro services for development of continuous integration and continuous delivery.
- Worked on creating the Docker containers and Docker consoles for managing the application lifecycle.
- Worked on various Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Focused on containerization and immutable infrastructure Docker has been core to this experience, along with Kubernetes. Deployed Docker Engines in Virtualized Platforms for containerization of multiple apps.
- Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repository for development teams.
- Created Ansible roles in YAML and defined tasks, variables, files, handlers and templates.

- Created inventory and configured the Ansible files for parallel deployment in Ansible for automating the Continuous delivery process.

**Associate software Engineer – Next Education, Hyderabad**

*May 2017 – July 2018*

- Performing network management duties-upgrades, installation, testing, designing, developing, monitoring, and tuning of network devices and software.
- Managing complex international network infrastructure including servers, virtualization, networking, firewalls.
- Answer incoming calls for technical/customer service support.