



# Kanagaraj Aruchamy

DevOps Engineer

3+ years of strong work experience as DevOps Engineer in building, deploying, automating & operating mission critical Enterprise Infrastructure & container platform systems in Hybrid environments.



## Contact

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## Professional Summary

- Strong work experience in Agile development environment and Open source technology.
- Strong work experience in **Unix/Linux** System Administration and Public cloud platforms(**GCP, AWS**).
- Strong work experience in Continuous Integration and Continuous Deployments (CI/CD) tools such as **Jenkins, Ansible, Docker, terraform, Puppet, Maven & K8s**.
- Extensive experience in monitoring the servers, clusters and services using **Splunk** and **Hashicorp Consul** for service discovery.
- Strong work experience in operating and managing large-scale Enterprise Infrastructure systems.
- Good work experience in developing python scripts to automate operational work.
- Good work experience in networking tools and concepts **DNS, DHCP, TCP/IP, SSL, SSH & CDN**.



## Certifications

- Google Cloud Certified - Associate Cloud Engineer
- IBM Certified - Data Driven & Multi-cloud
- ITIL 4 Foundation - Service Management



## Skills

Unix & Linux



Jenkins



Kubernetes & Apache Mesos



Docker



Ansible & Puppet



Terraform



Git



Maven & Gradle



Python





## Work History

2022-01 -  
Current

### DevOps Engineer

Oracle , Bangalore

- Implementing SRE Practices in Oracle Cloud Infrastructure Oproduct development team to increase system performance and reducing failure rates.
- Capacity planning and Infrastructure(VMs) provisioning from public cloud platforms and operating large fleet of Unix/Linux VMs.
- Performing On-call shifts to mitigate Infrastructure systems and deployment related failures.

2018-07 -  
2021-12

### DevOps Engineer

Tata Consultancy Services, Chennai

Client: **PayPal**

#### Job Responsibilities

- Collaborating with customer teams and internal technical teams for building, automating, deploying and managing large scale cloud Infrastructure and container platform systems.
- Troubleshooting , debugging and alert handling system related and service (systemd and docker containers) issues with observability tools and linux health check commands to reduce possible outages and business impacts.
- Implementing Monitoring tools such as Splunk, Hashicorp Consul, GCP monitors & PagerDuty to monitor application and Infrastructure metrics.
- Maintaining system security by performing OS patch updates and addressing system security vulnerabilities and by keeping them compliant with company standards and ensuring system security.
- Participating in Change management and Incident Management.
- Implementing disaster recovery plans and high



## Education

2015-06 - 2018-06

### Bachelor of Science: Physics

Bharathiar University -  
Coimbatore



## Rewards & Recognitions

- Received best performer of the quarter award for Implementing the automations using CI/CD Tools.
- Received best performer award from TCS for delivery excellence.
- Received Google developer community cloud credits rewards from Google for my open source contributions for Google assistant.
- Received on the spot team award.

availability architecture for infrastructure systems by enabling multi-regional setups to reduce latency rates by increasing high availability of services and enabling data backups to ensure data integrity and assurance.

- Responsible for operating and managing large-scale Kubernetes clusters by managing control-plane and data-plane components, enabling vertical and horizontal pod autoscaling, cluster administration using Kubectl commands.
- Setting up DevOps CI/CD pipelines from scratch to automate deployments in hybrid environments (Dev, QA and Prod) using Git, Maven, Docker, Ansible & Jenkins.
- Writing Ansible playbooks and Puppet manifests to automate deployments and day-to-day operational tasks to reduce/eliminate manual efforts.
- Developing python scripts to automate basic infrastructure operation tasks to reduce repetitive work and manual efforts.
- Provisioning and operating public cloud compute and platform services in Google cloud platform and in AWS.
- Providing 12/7 on call duties on rotation basis with other system engineers as part of incident management via PagerDuty reporting tool.
- Engaging with network team for VIP, SSL, CDN, LB, firewall config setups and network support.