

# Karthikeyan Ganesan

Tamil Nadu, India



karthikeyan01.g@gmail.com



7200472422



[linkedin.com/in/karthik-keyan](https://www.linkedin.com/in/karthik-keyan)

## Summary

Over 6+ years of experience in Ec2, Elastic beanstalk, VPC, RDS, S3, Glacier, IAM, Migration, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, DynamoDB, Lambda, Route53, SNS, Code Pipeline, Code Build, Jenkins, GIT, Cloud Endure, VMware, Docker, Kubernetes.

## Experience



### Senior Devops Consultant

Wolters Kluwer

Mar 2022 - Present (8 months +)

- \* Working on Cloud Migration projects.
- \* Working on Orchestration tools like Kubernetes and Docker Swarm.
- \* Working on application performance management tools like AppDynamics.
- \* Working on creating dashboards for many applications through Rainier.



### DevOps Consultant

Mygo Consulting Inc.

Aug 2020 - Mar 2022 (1 year 8 months)

- Working on deployments in all environments like PROD, UAT, PRE-STAGE, and DEV.
- Handling DB-related activities like backup and restoring from higher to lower environments and vice-versa.
- Monitoring server related alerts and taking prompt actions to make the system stable and running fine
- Working in certification renewal using CERTManager tools.
- Taking care of the Maintenance window which happens periodically.
- Actively involved in windows patching, system fixes, and configuration updates.
- Taking care of Large scale application upgrades at both Application and DB levels.
- Working on DataWarehoiuse and reporting tools like IBM Cognos and monitoring applications.



### Software Engineer

DISYS India Pvt. Ltd.

Nov 2019 - May 2020 (7 months)

- Configured and managed various AWS Services including EC2, RDS, VPC, S3, Glacier, Cloud Watch, Cloud Front, and configured various performance metrics using AWS Cloud watch & Cloud Trial.
- Building and designing web services in the cloud, along with implementing the set-up of geographically redundant services.
- Orchestrating and automating cloud-based platforms throughout the company.
- Working in tandem with our engineering team to identify and implement the most optimal cloud-based solutions for the company.
- Planning, designing and developing cloud-based applications.
- Managing cloud environments in accordance with company security guidelines.

- Deploying and debugging cloud initiatives as needed in accordance with best practices throughout the development lifecycle.
- Focusing on high-availability, fault tolerance, and auto scaling using AWS Cloud Formation.
- Employing exceptional problem-solving skills, with the ability to see and solve issues before they snowball into problems.
- Knowledge of APIs to design RESTful services, and integrate them with existing data providers, using JSON or XML as needed.
- Enhanced customer application with Auto scaling and load balancing.
- Worked on C, and C++-based projects relevant to Secure transactions for Payment Gateway.

## **Software Engineer**

### Cognizant

Apr 2019 - Oct 2019 (7 months)

- Installing, configuring database like Aurora, mariadb, mysql through RDS in EC2 .
- Good knowledge on Application Migrations and Data Migrations from On-Premise to AWS Cloud using tools like CloudEndure.
- Building and designing web services in the cloud, along with implementing the set-up of geographically redundant services.
- Administration various environments in software development life cycle(SDLC) Windows, Ubuntu, Red Hat Linux
- Having knowledge in CI/CD tools like Jenkins, Repositories like Github, Git, Version management tool like tortoise SVN.
- Knowledge of Windows Servers and Linux.
- Used scripting languages like Python, bash, node.js for lambda function to automate process.
- Worked on configuring CloudFront to enhance content delivery by enabling region cache by available edge locations.
- Deployed Microservices, including provisioning AWS environments using CloudFormation, Terraform and Elastic Bean Stalk.

## **Engineer Trainee**

### Cognizant

Mar 2018 - Mar 2019 (1 year 1 month)

- Responsible for submitting daily, weekly and monthly backup jobs in AS400 server.
- Responsible for monitoring batch job progression in Automoc tool.
- Responsible for reporting the issue log to the development team.
- Interacting with client and analyzing requirement to create user story.
- Involved in Data, System, Functional, Regression, Cross Browser testing.
- Implemented Data Driven and Domain Driven approach towards testing for good to great quality product.



## DevOps Engineer

Maac Technologies

Jul 2016 - Mar 2018 (1 year 9 months)

- \* Installing software in client machine as per request.
- \* Monitoring Jenkins build failures and reporting to the concerned team.
- \* Creating SOPs for the troubleshooting process.
- \* Working on restoring Prod DB to Dev and lowe Environment DB.
- \* Monitoring through tools like SolarWinds, and SCOM, and sending mail to respective teams.
- \* Working on configuring jenkins.

## Education



s.a engineering college

Bachelor of Engineering (B.E.), Computer Engineering

2012 - 2016

## Licenses & Certifications



**Business English Certificate** - Cambridge College

500/2428/0



**Selenium Automation testing** - Zuan Education



**Installing and Configuring Windows Server 2012** - Microsoft

H024-8213



**The Fundamentals of digital marketing** - Google

VV6 V6B ND5



**Introduction to cloud computing** - A Cloud Guru | A Pluralsight Company

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**Amazon Web Services Solutions Architect Associate** - Amazon Web Services (AWS)

Issued Mar 2020 - Expires Mar 2023

VP60SW32GNVQ1CC3



**Microsoft Certified: Azure Administrator Associate** - Microsoft

Issued Sep 2022 - Expires Sep 2023

## Skills

SQL • Zabbix • Linux System Administration • AppDynamics • Docker Products • Cloud Computing  
• Ansible • Gitlab • Terraform • Microsoft Azure

## Honors & Awards



**Best New Comer** - Cognizant

Oct 2018

Rewarded for my performance.



**Best Performer** - Disys

Mar 2020

Rewarded for my performance.