

# Karthik Chitikeshi

## Associate DevOps Engineer

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### PROFILE

Highly motivated professional with a background in AWS & DevOps, proficiently handling a wide range of AWS Services, including EC2, VPC, IAM, S3, RDS, Route 53, CloudFront, Lambda, Auto Scaling, and CloudFormation. I also have a solid understanding of servers such as Apache and Nginx, and I am well-versed in essential tools like Git, Ansible, Docker containerization, Kubernetes, and Jenkins. Additionally, I possess extensive knowledge of Linux-based systems, including Ubuntu and Amazon Linux. My track record proves my ability to troubleshoot issues and devise innovative solutions effectively. I take pride in being an excellent team player with strong management and coordination abilities. Seeking to transition into a Cloud Engineer role to further leverage my expertise in AWS and cloud technologies.

### PROFESSIONAL EXPERIENCE

#### **Synoriq R&D Pvt. Ltd.**

10/2022 – present | Jaipur, India

#### Associate DevOps Engineer

During my tenure at Synoriq, I embraced diverse roles that enabled me to grow and make valuable contributions to the team. In the Data Clan, I skillfully handled data collection and report generation, utilizing DynamoDB for efficient analysis. As a part of the DevOps Clan, I actively provided support and coordination for AWS-related tasks, gaining invaluable experience with Jenkins pipelines, Docker, and Kubernetes. Additionally, I took the initiative to delve into performance testing using JMeter for the GSTN Project, despite it being an area previously unfamiliar to both the project and the company. Through self-learning and proactive testing, I showcased my determination and commitment to enhancing the organization's capabilities. My continuous efforts to learn and adapt to new challenges were well-received, and I greatly contributed to the team's success in delivering high-quality results.

During my tenure, I made significant strides in my skills, further enriching my expertise:

- Explored Docker and Kubernetes, deploying and managing Kubernetes pods in the GSTN Project, and acquired knowledge in Ansible.
- Focused on Performance Testing with JMeter, learning error tracking across application layers.
- Expanded AWS expertise, delving into services like CDN, Route 53, API Gateways, KMS, and Secret Manager.
- Revisited DevOps practices, configuring Apache for new services, setting up alerts, and creating dashboards on Grafana.
- Enhanced diagnostic abilities by working with ELK and promptly responding to Grafana alerts.

- Conducted deployments, created environments for new deployments, including setting up deployment folders, configuring Apache for frontend and backend, and setting up ELK and Grafana for new services.
- Created alerts for new services and worked on incidents such as clearing/freeing disk space on Ubuntu servers, monitoring memory, handling ad-hoc tasks, features, and providing support for developers during deployments, resolving pipeline failures, etc.

This dynamic learning experience significantly contributed to my broader skill set, aligning with the organization's objectives. Additionally, I diligently worked on achieving the OKRs assigned in the last performance cycle, which included:

- Successfully progressing in VPC Peering across different accounts.
- Implementing new alerts and dashboards in Grafana to enhance monitoring capabilities.
- Exploring Grafana further and adding new contact points for improved functionality.
- Improving skills in tracking and diagnosing issues efficiently.
- Completing all assigned tickets and maintaining a swift response time to Grafana alerts, with a response TAT of less than 10 minutes.

Overall, these accomplishments reflect my dedication to professional growth, proactive problem-solving, and delivering impactful results within the organization.

## SKILLS

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### **AWS**

EC2, VPC, S3, RDS, Route 53, CloudFront, Lambda, Auto Scaling, IAM, ECR and CloudFormation

### **Ansible**

Playbook Development

### **Kubernetes**

Pod Management, Deployment

### **OS**

Ubuntu, Amazon linux

### **Jenkins**

CI/CD, Declarative Pipelines

### **Docker**

Containerization, Docker Images, Docker Volumes, ECR

### **Jmeter**

Test Plan Creation, HTTP Requests, Performance testing, Reports, API Testing, Plugins and Extensions.

## CERTIFICATES AND COURSES

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### **AWS & DevOps (Self-taught)**

Self-paced learning through various YouTube videos covering AWS cloud services and DevOps practices.

### **Building Web Applications in PHP**

**(02/2022)**

An 8-week course, available on Coursera for the introduction to web application development using HTML, CSS, and PHP.

### **Introduction to Kubernetes (Self-taught)**

Self-directed study on Kubernetes fundamentals through online resources and tutorials.

### **Introduction to Packet Tracer (02/2021)**

A course available on Cisco Networking Academy for The Introduction to Networks and work with packet tracer.

### **Meditation: A way to achieve your goals in your life (08/2020):-**

A course available on Coursera for cleaning the dreadful memories in mind using self-reflection.

## EDUCATION

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### **Bachelor of Technology in Electronics and Communication Engineering**

2018 – 2022 | Gharuan, India

Chandigarh University 

CGPA: 7.37

### **Intermediate (State)**

2016 – 2018 | Vijayawada, India

Narayana Junior College 

Percentage: 96%

### **Higher Secondary Education**

2013 – 2016 | WARANGAL, India

S.R. Digi School 

CGPA: 9.0

## LANGUAGES

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Telugu



English



Hindi



## INTERESTS & HOBBIES

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- Cooking
- Listening Songs
- Mobile Games