

SUDHARSAN BALAMURUGAN

Highly motivated and detail-oriented Fresher DevOps Engineer with a passion for automation and improving system performance. Skilled in implementing CI/CD pipelines, automating system administration tasks, and collaborating with cross-functional teams to identify and resolve issues. Proven track record in reducing deployment time by 50%, improving system reliability, and increasing team productivity by 25%.

EXPERIENCE

Virtual tech gurus, coimbatore — *linux engineer*

May 2022- may 2023

Collaborated with a support team to assist client stakeholders with emergent technical issues and develop effective solutions.

Configured, managed, and monitored cloud-based services such as **AWS EC2, S3, EBS, ELB, RDS** using **Terraform** and **Ansible**

Created **CI and CD pipelines** with **Jenkins** and **Docker** to automate the build process of applications Implemented systems automation using scripting languages like **Python** and **Bash**

Monitored system health using **Nagios** and **Splunk** for early detection of issues in the scale of **50%**

Deployed microservices on **Kubernetes clusters** in order to increase scalability and availability of services across multiple regions in **40%**.

Maintained version control systems such as **GitLab** for all software development projects.

Collaborated with developers in order to **troubleshoot application** related issues quickly.

Set up monitoring tools like **Graphite** and **Grafana** to track performance metrics and track scale of **60%**

Installed, configured, maintained and upgraded **Linux operating systems** and services.

Managed the development and implementation of infrastructure automation solutions using **ANS** technologies such as **EC2, S3, ECS, EKS, Lambda**.

Configured computing, **networking** and security systems within a **cloud** environment.

EDUCATION DR NGP Arts and science college, Coimbatore— *BCA*

July 2017- May 2020

Bachelor of Computer Application GPA - 6.0

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SKILLS

Cloud management AWS, Azure, Gcp

Docker Containerization

CI/CD Pipelines

Jenkins

kubernetes

linux operating system

Load Balancing

script maintenance and updates

server monitoring, Grafana

Terraform, Ansible

virtualization Technologies

Python

AWARD

1st/dist(2014) hockey Tournament
state(2018)TN cricket camp

CERTIFICATION

KGISL MICRO COLLEGE
(Linux, AWS) - DOMAIN
CERTIFICATION (2022)

GUVI IIT - DEVOPS ENGINEERING
DEC -2023

PROJECTS

ID generation (2019 - 2020)

Scanner scan the student info from the server and collect student data(attendance, semester mark statement)

