

NANDU SATHYAN

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Career Objective

Seeking a challenging position in a dynamic environment where I can contribute to the company's growth while continually developing my skills and abilities.

Summary

- 3+ years of experience as an Operations Engineer and 5 months of internship experience as a DevOps Engineer.
- Proficient in utilizing DevOps tools and technologies to streamline software development and deployment processes.
- Experience in writing bash and Python scripts. Knows how to automate tasks for efficient work.
- Familiar with the AWS cloud platform, including setting up and managing virtual servers and containers.
- Skilled in creating automated pipelines for software testing and deployment, enhancing speed and reliability.
- Strong team player with effective communication and collaboration skills, leading to improved productivity.
- Adept at troubleshooting and resolving issues in complex systems to ensure continuous operation.

Experience

StarAgile

Bengaluru

DevOps Engineer

03/2024 - 07/2024

- Administered 10+ Docker containers and orchestrated Kubernetes clusters, improving application deployment speed by 40% and enhancing scalability for high-traffic applications.
- Developed and implemented CI/CD pipelines using Jenkins, facilitating seamless integration and deployment processes.
- Automated infrastructure provisioning with Terraform, significantly reducing deployment times and ensuring infrastructure as code (IaC) practices.
- Automated infrastructure provisioning with Terraform, significantly reducing deployment times.
- Configured and managed AWS services to support scalable, secure environments, leveraging cloud platforms for optimal performance.
- Utilized Ansible for configuration management, ensuring consistency and reliability across development, testing, and production environments.

6D Technologies

Bengaluru

Operations Engineer

11/2020 - 02/2024

- Provided L1, L2, and L3 support across 8+ telecom projects, covering BSS, USSD, Voice, and Billing services.
- Managed a Kubernetes project handling over 10 million subscriber data for billing, ensuring high performance and reliability.
- Gained practical experience in Linux, MySQL, and Nagios, ELK, enhancing system performance monitoring, database management, and issue resolution.
- Elevated application stability and performance by {25%} by working with development teams to analyze logs and rectify errors.
- Maintained effective communication with clients and developers to implement new application requirements and manage patch updates efficiently.

Projects

Finance Me

https://pinnacl.github.io/portfolio_nandu/finME.html

Developed an automated CI/CD pipeline where code changes on GitHub triggered build, test, package, and containerize steps. Provisioned and configured test servers with Terraform and Ansible, deployed applications in a Kubernetes cluster, and automated production deployment. Implemented continuous monitoring with Prometheus and Grafana for server metrics.

VProfile

https://pinnacl.github.io/portfolio_nandu/vprofile.html

When a developer pushes updated code to the Git master branch, the CI/CD pipeline automatically triggers code checkout, compilation, testing, packaging, and containerization. The code is tested with SonarQube, where a quality gate with a bug threshold of 60 is set. If the application fails this quality gate, a Slack notification is sent to the developer. Once the application passes all tests, it is uploaded to Nexus for further use.

Certification

DevOps Internship certificate

AWS IBM certification

Skills

Scripting Language: Bash · Python

CI/CD : · Jenkins · Maven · CI/CD · Groovy · GitHub Actions · SonarQube · Nexus

Containerization: Docker · kubernetes · EKS

IaC: Terraform

Cloud: AWS · Azure · GCP

Configuration Management: Ansible

Monitoring and Logging: Grafana · Nagios · ELK

Databases: MySQL






Version Control: Git · GitHub

Project Management: Jira · ServiceNow

Education

Bachelor of Technology from College of Engineering Munnar with 67%	2016 - 2020
Electrical Electronics Engineering	
Higher Secondary Certificate from Kerala with 80%	2014 - 2016
Computer Science	

Strengths

 DevOps expertise Efficiently manages DevOps processes and tools for optimized performance.	 Agile methodologies Leverages Agile methodologies to streamline software development.	 Strong communication skills Good communication and collaborates with cross-functional teams.
 Cloud platform expertise Led successful Kubernetes projects enhancing scalability	 Effective team player Strong team collaboration and communication skills	

Languages

English Proficient ●●●●●	Malayalam Native ●●●●●
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