

# 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 Internship

03/2024 - 07/2024

- Successfully completed a 6-month DevOps internship, gaining hands-on experience across 4+ projects.
- Managed 10+ Docker containers and collaborated in orchestrating Kubernetes cluster, enhancing application deployment speed by 40% and improving scalability for high traffic application.
- Developed and implemented CI/CD pipelines using Jenkins, enabling seamless integration and deployment.
- Automated infrastructure provisioning with Terraform, significantly reducing deployment times.
- Deployed and managed containerized applications using Docker and Kubernetes.
- Configured and managed AWS services to support scalable and secure environments.
- Utilized Ansible for configuration management, ensuring consistency 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](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](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

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

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

## Languages

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