

## GOPIKA VISHNU GOPAL

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## SUMMARY

Motivated DevOps Engineer with 1 year of experience in automation, monitoring, and optimizing software development pipelines. Proficient in Kubernetes, Docker, AWS, and CI/CD practices, with a strong focus on improving efficiency and reducing downtime.

## SKILLS

- **Programming:** Python, Shell Scripting, SQL
- **Cloud Platforms & Services:** AWS EC2, AWS ELB, AWS EKS, AWS IAM
- **Containerization & Orchestration:** Kubernetes, Docker
- **CI/CD & Automation:** Jenkins, Terraform
- **Monitoring & Logging:** Nagios, Grafana, InfluxDB
- **Version Control & Collaboration Tools:** Git, JIRA

## WORK EXPERIENCE

### DevOps Engineer

Comcast Cable Communications (Jun 2023 – May 2024)

- Developed and maintained monitoring scripts using Python and Shell Scripting.
- Constructed dashboards with Grafana to visualize application health using InfluxDB.
- Implemented Nagios for advanced monitoring, grouping alerts under service categories.
- Troubleshoot automation scripts, improving deployment reliability.
- Collaborated with cross-functional teams to enhance system resilience and uptime.
- Participated in disaster recovery planning, minimizing data loss and downtime.

## **Teacher**

Keltron Knowledge Center (April 2016 – Dec 2016)

- Taught high school students programming in C, C++, and ASP.Net.
- Simplified complex programming concepts into accessible lessons.

## **PROJECTS**

### **Blue-Green Deployment Implementation**

- Designed and implemented Blue-Green Deployment strategies for seamless updates.
- Automated environment switching using CICD pipelines integrated with AWS Elastic Load Balancers.
- Ensured zero-downtime transitions between production environments.

## **EDUCATION**

### **B-Tech in Computer Science and Engineering**

TKM Institute of Technology, Kollam, India (2011–2015)

## **REFERENCES**

### **Abhilash Nair**

Director 1, Software Development and Engineering, Comcast Cable Communications

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