**Abhilash Vadlamudi**

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| **Title:** | Consultant |
| **Location:** | **Hyderabad, India** |
| **Languages:**  **Email-id :**  **Mobile number:** | Telugu (native),English (fluent)  Vadlamudi.abhilash@capgemini.com  +91 9000694524 |

Executive Summary:

Dynamic DevOps engineer with over 5+ years in the IT industry and 4 years of experience in Git, Terraform, Jenkins, Docker, Kubernetes, AWS, Rancher, Grafana, and Python scripting. Skilled in leveraging best practices for security, cost optimization, high availability, and disaster recovery. Proficient in implementing efficient CI/CD pipelines and infrastructure automation to drive seamless deployments and operational excellence.

Objective:

Highly motivated DevOps engineer with a proven track record in Devops Tools. Committed to enhancing operational efficiency, security, and high availability through innovative automation and infrastructure solutions.

Technical Skills:

* EKS,SecretsManager,S3,IAM,EC2,VPC,RDS,ElasticCache,EBS,EFS,AWSApigateway,Route53,SQS,SNS,Cognito,Lambda,Cloudwatch,SSM,S3
* Git, Jenkins, Terraform, Docker, Kubernetes, Rancher, Helm Charts, Grafana

Work Experience:

**Capgemini**

**Client Name : Fidelity Investments**

**Project Name : Container Application Management**

**Devops Engineer**

**Aug 5th 2024 – September 19th 2024**

* Set up Kubernetes cluster and deployed containers on pods with EKS.
* Created Jenkins declarative pipeline to push the docker image to ECR and deployed to EKS cluster by creating helm charts release.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes, to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
* Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches, and scaling
* Worked on Terraform as Iaac to provision AWS services in multiple AWS accounts.
* Created Alarms and notifications for EC2 instances using Cloud Watch.

**Cognizant**

**DevOpsEngineer**

*Feb 2022 – Feb 2024*

* Designed and implemented CI/CD pipelines using Jenkins, Docker, and Kubernetes, enhancing deployment efficiency.
* Designing and Deploying Highly scalable infrastructure using ELB and Auto Scaling services.
* Setup and managed security groups, VPC specific to environment.
* Creating S3 buckets and life cycle rules for cost optimization.
* Created AMI images of critical EC2 instances as backup using AWS GUI.
* Utilized EBS to store persistent data and mitigate failure by using snapshots. Attaching or Detaching EBS volume to AWS EC2 instance
* Worked on helm charts creation and secret management by integrating with AWS secrets manager.
* Monitored EKS managed nodes using Rancher, Grafana, CloudWatch logs, alarms.

**Trellissoft**

**Python Automation Engineer**  
*May 2020 - Feb 2022*

* Developed and maintained automation scripts in Python, streamlining repetitive tasks and improving operational efficiency.
* Automated deployment processes, reducing manual intervention and minimizing errors.
* Collaborated with development teams to integrate automation solutions into existing workflows.
* Implemented logging and monitoring solutions to ensure the reliability of automated processes

**Kyzer Software**

**Junior Application Support Engineer**  
*May 2018 – March 2020*

* Provided technical support for applications, diagnosing and resolving issues to ensure minimal downtime.
* Assisted in the deployment and configuration of software applications.
* Documented support procedures and solutions, contributing to the knowledge base for future reference.
* Coordinated with development teams to address and resolve application bugs and performance issues.

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# Higher Education

* Bacherlor of Engineering in Computer Science PBR VITS Engireering College (Affiliated by JNTUA University)