Abinash V   **Email:**
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AWS DevOps | Kubernetes | Linux Admin

CAREER OBJECTIVE:

An Experienced AWS DevOps Engineer with 8+ years of experience with good knowledge in Linux Administration is seeking a position in an organization where I can utilize my knowledge and skills to the fullest to contribute to the success of the organization and myself.

SKILLS:

- **Cloud service**   **:** AWS
- **Other Cloud Services** : GCP, Azure, Digital Ocean, Linode, Hetzner, OVH.
- **O.S**   : Linux, CentOS, Ubuntu, Debian, RHEL
- **Scripting**   : BASH, Boto3, JSON, Python, Ansible
- **IAC**   : Terraform, Terragrunt, CloudFormation.
- **Containerization**   : Docker, Docker-compose, Kubernetes
- **Monitoring**   : CloudWatch, New Relic, Nagios, Prometheus, Grafana, Netdata
- **Version Control**   : Github, Bitbucket, Gitlab, AWS Code commit
- **Databases**   : MYSQL, PostgreSQL, DocumentDB, MongoDB, DynamoDB
- **CICD Tools**   : Github Actions, Jenkins, AWS CodePipeline, ArgoCD
- **Log Management**   : Elastic/Open search, Loki, Splunk, Graylog
- **Other Tools**   : Cloudflare, Tanium, Crowdstrike, Atlantis

EXPERIENCE SUMMARY:

#1

Company Name : **Ahrvo Labs**
Role   **: Senior DevOps Engineer**

Roles & Responsibilities:

- Automated the day-to-day activities with Python automation and sending alerts to Slack
- Periodic server patching and auditing server vulnerabilities

- I have written multiple Ansible playbooks for baking custom images using Packer for deploying the app as per industrial standards and best practices..
- Assisted the Development team with various requests and blockers.
- Continuous monitoring of servers using grafana and prometheus for DISK,MEMORY and CPU.

#2

Company Name : **Megamind Creations**
Role   **: DevoOps Engineer**

Roles & Responsibilities:

- DR implementation and testing application for Business continuity **using Terraform**.
- Implemented Security Best practices as per CFR-11, Annex EU11 from AWS Config.
- Fixed the Security bug based on the recommendations of AWS Security Hub.
- Enabled Backup Automation for the services using AWS Backups and replication to the DR using the right backup plan and scheduling.
- Implemented OpenSearch automated manual backup to S3 using lambda.
- Enabled GitHub Actions in the repository for scheduled runs.
- Wrote Python scripts for automating various tasks in the process of better visibility and management.
- Worked on Lambda layers for deploying Lambdas.
- Implemented CICD with the help of Codepipeline and Github Action with manual approvals.
- Setting up High Available infrastructure in AWS using Terraform and Terragrunt

#3

Company Name: **101Block chains**
Role   **: Senior system Engineer**

Roles & Responsibilities:

- Setting up infra with Autoscaling, Load Balancer, NAT, and Aurora serverless.
- Monitoring the servers and reviewing the performance
- Backup Automation to S3 using Restic.
- Writing the custom JSON for restricting the user-level access in the AWS account
- Helped with minimizing the cost by EC2 reservation and savings plan.
- Periodic Server Patching to update the packages.
- Implemented Cloudfront for improved performance and availability.

ACHIEVEMENTS:

- Successfully solved more than 300+ server-related issue tickets.
- Created a **Custom Amazon Linux AMI as per suggestions of CIS benchmark**.
- Wrote **terraform script for building AWS multi-tier architecture according to AWS best practice**s with NAT, TGW, private & public subnets.
- Wrote Python code to clean up the AWS unused resources to optimize the cost using Boto3, automatic day-to-day tasks.