AMIT CHOUDHARY

Bengaluru, India

+91-9137751156   choudharyamitkumar03@gmail.com   https://www.linkedin.com/in/devopsamit/
github.com/amigitz

TECHNICAL SKILLS

Cloud: AWS, GCP, Azure, OVH, Fly.io, Hetzner
Kubernetes: EKS, AKS
Continues Integration and Delivery : Git, GitHub, Bitbucket, Bitbucket Pipelines, Github Actions ArgoCD.
Databases: MongoDB, MySQL, Redis, RabbitMQ, Postgres, Clickhouse, Elasticsearch, Kafka
Scripting: Python, Bash
Networking: Load Balancer, SSL, VPC, CDN, Site to Site VPN Connection, Netbird, Pritunl, Cloudflare
Infrastructure / Configuration Management : Terraform, Ansible

EXPERIENCE

DevOps Engineer   November 2024 - Ongoing
Outbox Labs   *Canada, Remote*
- Deployed a **3-node PowerDNS cluster**, cutting domain management costs by **85%**.
- Implemented **GitOps-based blue-green deployments** for **50+ containerized services**, achieving **99% deployment success rate** with **zero downtime**
- Self-hosted **Sentry**, **Kafka (KRaft)**, **PostgreSQL**, and **Percona MySQL**, cutting SaaS costs by **95%**, with **hourly S3 backups** for reliability
- Built a self-hosted monitoring stack (**Grafana**, **Prometheus**, **UptimeKuma**, **Alertmanager**) covering **100+ services**, reducing dependency on external APM tools and saving **$300/month**

DevOps Engineer   July 2023 - October 2024
*OpeninApp **Listed Inc***   *Bengaluru, India*
- Scaled Smart-Link redirection microservices to support **10,000 RPS** and handle over **8 million daily requests**, maintaining **¡100ms latency** and optimizing auto-scaling policies to reduce compute costs by **30%**
- Configured secure **internal microservice communication** via Kubernetes services, reducing public-facing endpoints by **90%**, significantly mitigating exposure to **DNS enumeration attacks**
- Monitored self-managed **RabbitMQ** and **MongoDB** with **New Relic**, triggering **real-time Slack alerts** for over **50 critical events/day**, improving incident response time by **60%**

DevOps Intern   Jan 2023 - June 2023
Lexon International   *Mumbai, India*
- Automated AWS instance updates using **Ansible**, ensuring **100% dependency compliance** and improving system stability by **25%**
- Optimized Aurora MySQL queries, resulting in a **200% drop in database costs** and improved performance

PROJECTS

Django App Deployment | *EC2,Docker, Jenkins, EC2, Webhook and Slack* | Repo   May 2023 – May 2023
- Utilized **Docker** and **Docker-Compose** to containerize the application, ensuring consistent and reproducible deployments across different environments.

EDUCATION

Amrita Vishwa Vidyapeetham   Coimbatore, Tamilnadu
Masters in Computer Application (CGPA of 8.38)   *Nov 2021 - Oct 2023*

CERTIFICATIONS

- * Kubernetes Certified Application Developer (CKAD) with Tests Link
- * **CCNA:** Introduction to Networks Link
- * Google Cloud Skill Boost Link

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