

Muhammed Sufiyan P K

LEAD DEVOPS ENGINEER(WEB3)

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DevOps professional with a passion for Web3 technologies. Proven track record in leading and managing teams to deliver exceptional solutions, including experience with Hyperledger Fabric deployments. Skilled in architecting and implementing complex infrastructures, optimizing DevOps processes for Web3 development, and driving efficiency in smart contract delivery. Adept at providing strategic guidance to clients and ensuring the delivery of high-quality Web3 services. Strong leadership, communication, and problem-solving abilities

TECHNICAL SKILLS

- **Web3:** Ethereum, Hyperledger Fabric, Polygon, Aelf, Hardhat, Solana, Uniswap
- **Cloud:** AWS, Google Cloud (GCP), Azure, Alibaba Cloud, and DigitalOcean
- **Database:** MySQL, Oracle, MongoDB
- **Web3 :** Hyperledger, Ethereum Smart contract ,
- **Monitoring & Logging:** Prometheus - Grafana, fluentd - RMQ - Elasticsearch - Kibana, New Relic APM - Datadog,
- **GitOps:** Argo CD, Flux
- **Observability & Tracing:** Jaeger, Kubeshark, Coroot, Open Telemetry, coroot, kube-shark
- **Container Orchestration:** EKS, AKS, GKE, kOps, Kubeadm, Docker
- **Stream Processing:** Apache Kafka
- **Networking**

WORK EXPERIENCE

DevOps Engineer(web3)

2 cloud FZE

June 2021 - Present

- Built secure smart contracts on top of for Ethereum and Aelf chains.
- Set up a private blockchain network using Hyperledger Fabric and Kubernetes
- Develop POC for a token-gated application on top of polygon
- actively participated to integrated multiple blockchain service into web2 platform.
- Participated one of fintech project that mainly focus on web3
- Implemented effective observability strategies to ensure high availability and performance infrastructures,
- Built, Maintained, and scaled infrastructure for production and development environment.
- Developed and managed high-traffic infrastructures during peak sale periods, employing caching techniques and optimizing code to handle large volumes of traffic efficiently.
- Played a crucial role in resolving complex issues related to cluster behaviour , for example, the Calico networking issue.
- Orchestrated the deployment of an on-premise Kubeadm infrastructure for the company's internal applications, ensuring high availability and stability.

SOFT SKILLS

- Communication
- Leadership
- Problem-Solving
- Team Management
- Time Management
- Multitasking



AWS Certified Solutions Architect - Associate

Validation Number:

3D3MHFN1T1V1QOC1

LANGUAGES



INTERESTS



Junior DevOps Engineer

2 cloud FZE

June 2019 - May 2021

- Created one-click provisioning stacks for popular frameworks such as Magento and Laravel, simplifying the deployment of applications and reducing time-to-market.
- Implemented and managed robust monitoring stacks using ELK, Grafana, Prometheus, InfluxDB, and Loki, ensuring comprehensive visibility and real-time insights into system performance and health.
- Led successful cloud migration projects, including Linode to AWS, shared hosting to AWS, and shared hosting to Azure, seamlessly transitioning applications and infrastructure while minimizing downtime and maximizing scalability.
- Designed and deployed infrastructure in fully private networks, leveraging VPN and EVPN technologies and utilizing private Certificate Authorities (CAs) and private domains in Route 53 for enhanced security and privacy.
- Conducted seamless database migrations, utilizing advanced techniques and tools to ensure zero downtime and maintain data integrity during the migration process.
- Orchestrated CI/CD pipelines using Jenkins, enabling efficient and automated software builds, testing, and deployments.
- Actively participated to optimize data pipelines and enhance the efficiency of processing B2B e-commerce products' data.

TRAINING

LAMP - Linux, Apache, MySQL, PHP Technologies

Keltron Knowledge Centre
June 2018 - January 2019

EDUCATION

Bachelor of Computer Applications - Pursuing

Indira Gandhi National Open University (IGNOU)
2021 - Present

Diploma in Electronics and Communication Engineering

Kerala Technical Education
2015 - 2018