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Summary

A hands-on Engineering Lead with 8+ years of experience, from building systems in startups to leading engineering teams for global platforms. Skilled in designing, building, and scaling backend systems and microservices with a focus on cloud infrastructure, event-driven, serverless, and containerized architectures. Known for delivering scalable and cost-effective solutions that support millions of users. Proven leadership in guiding teams, shaping technical strategies, and improving system performance. Continuously motivated to learn and stay at the forefront of technology, I am committed to building systems that power millions of users securely and efficiently that drive business success.

Technical Skills: Golang, DevOps, AWS, Kubernetes, Docker, Terraform, CI/CD, Microservices, MQ, Redis, Kafka, Blockchain, PostgreSQL, MongoDB, Prometheus, Grafana
Leadership & Management: Engineering Leadership, Team Mentorship, Technical Strategy, Cross-Functional Collaboration, Roadmap Planning, Team Management
Additional Skills: System Design, Infrastructure Optimization, Cost Efficiency, Performance Tuning, Event-Driven Architectures, HA Distributed Systems, Serverless Architecture

Work Experience

Shiba Inu

Lead Software Engineer - (Backend, DevOps , Cloud Architecture)

Remote

July 2023 - Present

- As **Engineering Lead & Founding engineer** at **Shiba Inu (a top 10 global cryptocurrency)**, I led and contributed hands-on to **architecting** and developing large-scale **backend** and **DevOps** systems, driving technical vision, mentoring teams, and delivering high-performance, **cloud-native** infrastructure for **Web2, Web3, AI, Gaming** and **Metaverse** platforms.
- I architected and built the decentralized ecosystem from scratch and led DevOps, Backend and Architecture teams to scale services for millions of users.
 - Developed high-performance backend, SDKs, and tools, leveraging containerized microservices, Serverless, and event-driven architecture optimized for scalability and performance.
 - Designed CI/CD Pipelines and provisioned AWS infrastructure using Terraform ensuring end-to-end automation, monitoring, cost efficiency, and operational consistency with IaC.
 - Built, architected, and optimized Backend systems and AWS cloud infrastructure from scratch to handle millions of daily traffic, achieving ~60% cost reduction through optimizations.
 - Deployed and managed Validator, RPC, and Sentry nodes to ensure network reliability, security, and high-throughput performance.
 - Developed technical roadmaps and mentored engineers, ensuring the delivery of maintainable, high-quality code that meets business needs.
 - Drove technical strategy, mentored teams, and implemented best practices, testing, and performance tuning to ensure rapid development cycles and minimal downtime.
 - Integrated monitoring and observability solutions like Cloudwatch, Prometheus, Grafana, Sentry, Feature-flags to ensure performance tracking, issue resolution, and system health.

Andela

Senior Golang Backend Developer & DevOps Specialist

Remote

Apr 2023 - Jul 2023

As a consultant specializing in Golang development and DevOps engineering, I've partnered with global clients through Andela to deliver robust backend systems and scalable cloud infrastructure. My expertise lies in building high-performance APIs and microservices using Go, while applying advanced DevOps practices to automate deployments, enhance system reliability, and optimize cloud environments for scale and efficiency.

Shipa - Mirantis Inc

Senior Software Engineer - Backend Cloud Native

Remote

August 2020 - Jan 2023

- Built a world-class cloud platform for cloud-native applications and reinvented how they were delivered across heterogeneous clusters and cloud environments.
- Designed and developed core features in Go for a cloud-native application delivery platform, used across multi-cloud and hybrid Kubernetes environments.
- Contributed to CI/CD automation and infrastructure using Docker, CRDs, on public cloud platforms Amazon Web Services (AWS) and Google Cloud Platform (GCP).
- Built and maintained Kubernetes Operators using Operator-SDK and Kubebuilder for dynamic app orchestration.
- Collaborated with customers and cross-functional teams to shape product roadmap and deliver production-grade solutions.

Bnet

Golang Developer

Remote

June. 2018 - June. 2020

- Built high-performance Go web servers, APIs, and SDKs for crypto trading & analytics.
- Integrated major exchange APIs for real-time data ingestion & execution.
- Scaled backend on DigitalOcean using Kubernetes, Docker, Terraform, Helm and automated CI/CD deployments and implemented monitoring with Prometheus & Grafana.

The Kabaadi Guy

CO-FOUNDER & LEAD ENGINEER

Kota, India

April. 2016 - Nov. 2017

- Co-Founded and led a startup providing free, eco-friendly doorstep services through a mobile app, serving thousands of customers across major cities in India.
- Gained **national media coverage**, and earned recognition from **Delhi's Deputy Chief Minister**.

Education & Achievements

- **Bachelor of Technology (B.Tech)** in **Computer Science and Engineering** from **Jaypee University of Engineering and Technology, India (NAAC A+ accredited)**.
- I am an Open-source contributor to **Google, Github, DigitalOcean, Twilio Inc., SendGrid, OpenFaas, Hellofresh**, and many more.
- Built a **strong online presence** with **~22,000+ LinkedIn followers**, actively mentoring and connecting and personally recommended by **industry leaders**.

Projects

- **Shib Pay:** Architected, engineered, and led hands-on development of a production-grade, microservices-based **Web3 SHIB payment gateway** for public apps and enterprise merchants. Delivered secure, traceable wallet-based payments (MetaMask, WalletConnect) with multichain support, real-time blockchain indexing, and signed webhook notifications. Achieved 99.99% uptime, zero payment loss, and a highly scalable multi-tenant architecture.
- **Shibarium Blockchain (Layer-2):** Designed and architected multicloud (AWS + others) infrastructure for a leading Ethereum L2, sustaining 99.9% uptime across 1B+ transactions and 4M daily peaks. Optimized validator, RPC, and sentry operations for 175M+ addresses, **cutting infrastructure costs by 60%**.
- **Ketch (Cloud Native Computing Foundation Project with ~700+ stars on Github):** Core creator & maintainer of a Kubernetes application delivery framework enabling simple, CLI-driven deployments. Engineered advanced capabilities in Go, including CRDs, custom controllers, canary deployment strategies, and service mesh integrations (Istio, Traefik).
- **Shib Metaverse Pixel Streaming Game Engine:** Designed and implemented an event-driven, secure, and highly scalable Go-based orchestrator for on-demand Unity game servers. Deeply integrated with AWS and Kubernetes, it runs at up to **40% lower cost than AWS GameLift** while reliably powering large-scale real-time multiplayer sessions.
- **SquidOps:** A high-performance, cost-efficient **AWS** stack built with Terraform for secure, scalable deployment of **multichain Blockchain indexers**, featuring ECS Fargate, Aurora Serverless, ElastiCache, and EFS, with auto-scaling, Redis caching, VPC isolation, and CloudWatch monitoring, still delivering up to 60% savings over Squid Cloud.
- **DOAct:** An **official community tool** on **DigitalOcean** made with **Terraform** to automate the deployment of **GitHub Actions** CI/CD runners on the cloud.
- **Go-WazirX:** A Go API wrapper for accessing the Rest API of **India's biggest cryptocurrency exchange**, WazirX. Recommended by **founders** of the exchange on Twitter.
- **GO-Corona:** A Go client library for accessing realtime global coronavirus (COVID-19, SARS-CoV-2) outbreak data operated by the **Johns Hopkins University**.