Developer Profile

Name : Sanskar

SNAPSHOT

Software Developer with 4+ yrs of working experience. Experience working on Golang with Postgresql, Kafka, GRPC.

RESPONSIBILITIES

- Developed a green mobility ride-hailing platform using GoLang and real-time Kafka events for driver matching.
- Used Redis GEO location data and Pub/Sub channels for high-performance real-time location updates.
- Deployed services on AWS EKS using Helm, configured HPA and Pod Disruption Budgets (PDBs) for availability.
- Implemented observability stack with Prometheus, Grafana, and custom Kubernetes alerts, reducing MTTR by 45%.

ACADEMIC QUALIFICATION

Chaudhary Charan Singh University Meerut, India
Bachelor of Technology (B.Tech) in Computer Science Aug 2017 – May 2021

TECHNICAL PROFICIENCY

Programming Languages: GoLang, TypeScript, JavaScript, Python, Shell,Java
Frameworks: Gin, Fiber, Echo, Node.js (Express, NestJS), React.js, Next.js, Redux, Tailwind CSS,Spring boot
Backend Systems: REST, gRPC, Kafka, RabbitMQ, Redis, MongoDB, PostgreSQL, Elasticsearch
DevOps & Kubernetes: Docker, Kubernetes (EKS), Helm, Kustomize, GitHub Actions, Jenkins, Prometheus, Grafana, Linux, Istio, YAML
Cloud Platforms: AWS (EC2, ECS, EKS, ECR, S3, RDS, Route 53, CloudWatch, IAM), Terraform (Basics)

PROJECTS ACCOMPLISHED

Project #1

- **Role:** Software Engineer
- **Responsibilities:**
- Designed and developed a highly scalable ride-hailing platform on ONDC using GoLang, Kafka, Redis, and MongoDB,
- serving over 1M+ users.
- Built and optimized microservices using Gin and Echo frameworks, improving API response latency by 30%.
- Implemented real-time driver location tracking using Redis GEO commands and Pub/Sub patterns.
- Deployed services on AWS EKS with Kubernetes, using Helm charts, ConfigMaps, Se-

crets, and Ingress controllers.
- Configured Liveness/Readiness probes, Horizontal Pod Autoscalers (HPA), and rolling update strategies.
- Achieved 99.99% uptime with a resilient event-driven architecture leveraging Kafka and MongoDB.
- Developed frontend dashboards using React.js and Next.js for internal and customer-facing portals.
- Integrated centralized monitoring with Prometheus and Grafana for real-time observability of Kubernetes clusters.

Project #2:

- **Role:** Software Engineer
- **Responsibilities:**
- Led backend development of enterprise-grade applications using GoLang (Gin, Fiber) and gRPC microservices.
- Containerized and deployed microservices to AWS EKS clusters using Docker, Helm, and Kubernetes best practices.
- Built CI/CD pipelines with GitHub Actions and Jenkins to automate testing, deployment, and rollbacks.
- Implemented Kubernetes monitoring stack with Prometheus, Grafana, and alerting systems.
- Migrated legacy monolith applications into scalable GoLang microservices architecture, reducing downtime and
- improving scalability.
- Developed reusable UI components and integrated REST/gRPC APIs using React.js and Next.js.

Project #3:

- **Role:** Software Engineer
- **Responsibilities:**
- Engineered scalable backend services using GoLang (Echo, gRPC) and optimized database queries in MongoDB and
- PostgreSQL.
- Built automated deployment pipelines using Helmfile, Helm Charts, and Kustomize for Kubernetes deployments.
- Integrated Kafka streams for real-time data processing and event-driven workflows.
- Collaborated with SRE teams to implement RBAC policies and service mesh architectures (Istio) on Kubernetes clusters.
- Designed and developed internal UI tools and admin dashboards using React.js and server-side rendered applications
- with Next.js.