

EXPERIENCE

Dream11 | Software Developer

Mumbai | Nov 2024 – Current

- Architected and developed a high-availability GKE deployment platform utilizing Karmada for multi-cluster orchestration, enabling automated workload distribution and failover across regions.
- Built and deployed two Kubernetes operators in Go: a **Load Balancer Controller** to dynamically provision GCP Load Balancers, and a **Routing Rule Operator** to batch updates, significantly improving the performance and reliability of deployment pipelines.
- Engineered a "Network as a Service" (NaaS) platform to provide API-driven, self-service network management, automating cross-account VPC provisioning, peering, and CIDR allocation across AWS and GCP.
- Developed **Fabric**, a custom, highly-scalable service discovery system in Go, to provide unified DNS and health monitoring for hybrid workloads across Kubernetes and EC2 instances.

Blaze AI | Software Developer

Bangalore | May 2023 – Oct 2024

- Designed and developed a **multiplatform campaign system** supporting LinkedIn/Twitter outreach with actions, follow-ups and personalization, driving **50% of company revenue**.
- Orchestrated large-scale **data pipelines** with step functions, lambdas, and airflow, optimizing performance and reliability in millions of records.
- Spearheaded major features including **Telegram audiences and messaging, Discord campaigns, Social Search, and XMTP integrations**, expanding product capabilities.
- Achieved **80% AWS cost reduction** and **50% Snowflake savings** by optimising queries, pipelines, and instance sizing, directly impacting bottom-line costs.

Quriate | Founding Software Developer

Remote | Aug 2021 – Apr 2023

- Spearheaded the design and launch of an **adaptive assessment platform** for institutions to create, manage, and evaluate online tests.
- Built the backend in **FastAPI, SQL, and pandas**, enabling accurate evaluation of thousands of student responses with real-time analytics.
- Developed an **image ingestion pipeline** converting handwritten/PDF questions into editable $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$, reducing question creation time for instructors by 60%.

SKILLS

Languages:	Python, Go, Java, TypeScript
Backend:	FastAPI, Spring Boot, Microservices, Distributed Systems
Infrastructure:	AWS, GCP, Kubernetes, Docker, Terraform, SQL
Tools:	Git, Airflow, Datadog, Kafka, Aerospike

EDUCATION

Indian Institute of Technology Bhubaneswar

Bhubaneswar

Bachelor and Masters in Engineering *GPA: 8.71*

PROJECTS

NeuroSpend | Link

Go, Next.js, TypeScript, PostgreSQL, Docker

- Developed a full-stack, intelligent expense management application for Indian users, featuring automated parsing of bank statements (HDFC, SBI, Axis) and AI-powered expense categorization.
- Architected the system full-stack, with a **Go** backend (Gin, Clean Architecture, PostgreSQL) and a type-safe **Next.js** frontend, implementing optimistic UI updates with React Query for a seamless user experience.

Flamingo Bot

Go, Telegram API, GitHub API, Concurrency

- Developed a Go-based Telegram bot to fully automate the release pipeline for an Android ROM, handling user authentication, dynamically downloading builds from multiple sources (Gdrive, OneDrive), uploading them to a host server, extracting changelogs and signing the builds using mutexes to ensure thread-safe Git operations while parallelizing all other tasks for maximum efficiency.