Manigandan Dharmalingam

FOUNDING BACKEND ENGINEER

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Skills

Languages Go, Node.js, Python, Express.js, JavaScript, Serverless
Databases PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch, InfluxDB, Firebase, DynamoDB
Agentic AI LangChain, LangGraph, AWS Bedrock, MCP, Codemode
DevOps AWS, GCP, Nomad, Kubernetes, Docker, CircleCI CI/CD, Linux Bash
Others REST API, gRPC, NATS, NSQ, Kafka, Debezium, OpenSearch

Experience

- ★ Having an overall **11+ years** of experience building various **B2B** and **B2C** products from **0 to 1**.
- ★ Having good hands-on experience designing and developing robust & scalable backend services and APIs using Golang, and NodeJS.
- ★ Have closely worked with the CEO & CTO in **3 early-stage startups**, built products from scratch, and was involved in all aspects of product development.

Kong Inc *Bangalore, India*
SENIOR SOFTWARE ENGINEER-3 *Aug 2024 - Current*

- Kong is a leading cloud-native software platform for API and AI gateways.
- I was part of the Events Platform Team building platform services that power Kong Konnect SAAS.
- Built NotificationHub from 0-1, which powers Konnect centralized notifications via email and in-app.
- Optimised and improved Ksearch API performance
- Built KAi - Kong AI Assistant agentic v1 platform from 0 -1 using LangChain-Go, AWS Bedrock, and MCP servers.
    - Rewrote v2 agent using LangGraph, FastAPI, MCP, and CodeMode with multi-agents mode.
    - This helps Konnect users to debug and configure their Konnect configurations and Gateway degradation.

Gojek *Bangalore, India*
LEAD SOFTWARE ENGINEER *Feb 2024 - Aug 2024*

- Gojek is Southeast Asia's leading on-demand platform.
- Part of the Data Engineering team maintaining the firehose and dagger stream processing service works on top of Apache Flink.
- Maintaining the 3000+ deployments of firehose and dagger service which process more than 100+ Million messages per minute across all deployments.

Last9 Inc *Bangalore, India*
SOFTWARE ENGINEER *May 2022 - Sep 2023*

- Last9 is a Site Reliability Engineering (SRE) Platform that helps improve the reliability of the systems.
- Helped set up the process around writing and maintaining API documentation.
- Enforced linting and coding standards across the Golang services. Code cleanup.
- Introduced a better way of writing Golang APIs and handling the errors and responses better.
- Feature development on Compass 2.0

Squadcast Inc (acquired by Solarwinds) *Bangalore, India*
FOUNDING ENGINEER - BACKEND LEAD *Dec 2018 - Nov 2021*

- Squadcast is SRE & Incident Response Orchestration Engine a Pagerduty alternative.
- My main roles and responsibilities are closely working with the CTO to architect the system, design and develop the new features and services, and mentor junior engineers.

- Migrated from a monolithic application to microservice architecture.
- Migrated the infra to Kubernetes.
- Rewrote lots of services to Golang for better availability and performance. Redesigned to API first product.
- Scaled the system to handle 1M incidents, 3M notifications, and events.
- Mentored and led 5 members of the backend team.

AirCTO (acquired by Gojek) *Bangalore, India*

SENIOR SOFTWARE ENGINEER *May 2017 - Dec 2018*

- **AirCTO** Human and AI-powered systems help fast-growing companies manage their hiring funnel and help them recruit top developers.
- My main role and responsibility are to work closely with the CEO to architect the existing system, Design and develop the new features, writing Microservices.
- I was responsible for building more than 80% of backend services at AirCTO.

TVS Infotech & TVS Next Pvt Ltd *Chennai, India*

SOFTWARE ENGINEER *Feb 2016 - Apr 2017*

- Worked for various US and Finland-based clients on Golang.

PParkE *Bangalore, India*

SOFTWARE ENGINEER *July 2014 - Feb 2016*

- **PParkE** is a pioneer in Online Parking Reservation platforms in India. It allows pre-booking for parking slots in malls, and street parking via Android and IOS App.
- Joined as a fresh college grad, worked as a full-stack developer learned lots of aspects of product development.
- Closely worked with the Lead and CTO to get the feature out in a fast-paced startup.

Education

Anna University

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING, CGPA: 7.47/10 *2010 - 2014*