

# Vishal Mane

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## 📄 Summary

accomplished professional with over 3.5 years of experience using Golang to design and develop automation frameworks, firewalls, and load balancers. competent in Golang, Helm, Docker, Kubernetes, and networking.

## 📁 Responsibilities and Projects

As a core Backend Team member, I led REST API implementation and managed database schemas. I contributed from product inception to deployment and conducted successful POCs for technical team adoption.

I played a crucial role on the Backend Team, heading the Implementing a REST API, creating a database schema, and managing migrations were all important aspects of my work on the product.

### GS Lab|GAVS, Software developer

2021 - present

Pune, India

- **Microedge Firewall:** A wrapper for OpenWrt offering cloud-based centralized management, zero-touch provisioning, and enhanced security with threat prevention. It also provides centralized network orchestration for streamlined operations. Tech stack includes OpenWrt, GoLang, Python, Vue.js, Docker, and core networking.
- **Thunder Kubernetes Connector (TKC):** A Kubernetes operator that runs within clusters to automatically configure Thunder ADC as pods are created or scaled. Tech stack: GoLang, Kubernetes, Helm, Docker, Networking.
- **TKC Automation Framework:** A GoLang-based framework for deploying, updating, and removing Kubernetes resources with Helm, enabling comprehensive testing of multiple charts in the cluster. Tech stack: GoLang, Kubernetes, Helm, Docker, OpenShift, Networking.

### Codes for tomorrow, Software developer

2021 - Nov 2021

Indore, India

- Built pattern-matching algorithms for APIs in a decentralized blockchain-based betting application.

## 🧠 Skills

### Languages, Databases and CI/CD tools

- GoLang, Python, C, Linux, Windows, MySQL, Postgres
- Git, Jenkins, Travis, Jira

### Technologies

- Kubernetes, Docker, Helm, REST API(gin framwork), gRPC, Microservice, JWT, shell scripting, netfilter, nftables, Message queue(zmq)

## 🎓 Education

Bachelor of Technology in Mechanical Engineering,  
Sardar patel college of engineering

2018  
Mumbai, India

## Awards

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### STAR Team Award, GS Lab:

Recognized for outstanding team performance