# MANJUNATHA K J [in]

manjunathabhi1512@gmail.com • 8970824224 • Bengaluru - 560017

Backend engineer with strong foundations majorly in Golang, experienced in building scalable, low-latency microservices. Skilled in designing secure API gateways, implementing observability systems with Prometheus, Grafana, and Loki, building platform tools, and ensuring high availability using Kubernetes and load balancing techniques. Proven track record in optimizing workflows, securing distributed systems, and delivering robust backend infrastructure in high-throughput environments.

## SKILLS

**Back-End Development :** Golang, Node.js, Java, Python
**Technologies :** Microservices, CI/CD, Postgres, MongoDB, Prometheus, Grafana, Loki, GitHub, Docker, Kubernetes, AWS,Linux, RabbitMQ, Redis, REST, GRPC, Agile Software Development, Unit Testing.

## EXPERIENCE

### YAPPES TECHNOLOGIES, Bengaluru

**Software Development Engineer - 2**                               March 2025 – Present

*Gateway Development (Golang, Python & Node.js):*

- Engineered IP-based access control, JWT, and OAuth2 authentication to secure platform gateway endpoints.
- Developed liveliness probes, custom health checks, and Prometheus-integrated metrics for system observability.
- Designed and implemented load balancing strategies to ensure high availability during peak traffic.
- Built reusable mock API infrastructure to support internal development and testing workflows.
- Created a platform-wide notification service to deliver email alerts and status updates reliably.
- Integrated Loki for centralized logging and streamlined operational debugging across services.
- Contributed to platform automation and Kubernetes deployments to support scalable gateway rollouts.

### NEW STREET TECHNOLOGIES PVT LTD, Bengaluru

**Software Engineer (Backend)**                               November 2022 – February 2025

*Workflow Orchestration (Golang, Node.js & Java):*

- Developed a workflow orchestration service using Temporal in Java to replace the existing lifecycle service, modifying the Golang and Node.js code across all services.
- Enhanced system performance by implementing Temporal signals, reducing the reliance on traditional API or queue-based communication.
- Replaced API calls and queue communication with Temporal signals across all services, enhancing system communication and workflow efficiency.

*Loan Origination and Management System (Golang, Node.js):*

- Developed and deployed a unified Loan Origination and Management System for Federal Bank, Dhanalakshmi Bank, and Karur Vysya Bank using Golang and Node.js.
- Worked in a low-latency, high scalable microservices based fintech platform integrating PostgreSQL, Redis and RabbitMQ, achieving a 40% reduction in loan processing time.
- Collaborated with cross-functional teams to streamline workflows using Agile methodologies.
- Implemented advanced communication protocols using RabbitMQ, enhancing message brokering efficiency by processing up to 10,000 messages per second.
- Enhanced BANK and Lifecycle modules, improving system performance and responsiveness by 40%.
- Improved database performance by 30% through query optimization and indexing.

*Hyperledger Fabric "WAND" (Golang):*
- Developed Blockchain as a service application(BAAS) using Hyperledger Fabric and Golang.
- Enhanced application functionality and efficiency by 30% with innovative ideas and skills.
- Integrated Hyperledger Fabric network, automating software downloads and configurations, improving setup efficiency by 40% through advanced scripting and network orchestration.
- Utilized Cobra command integrated, reducing network configuration time by 50%.

## ALGOTRAK PVT LTD (Remote)

**RPA Developer Intern**                                                      November 2021 – May 2022

*Bot Migration (AA v11 to AA360):*
- Collaborated on client OTIS's bot migration projects, recapturing objects in migrated bots (from AA v11 to AA360).

## EDUCATION

**PES UNIVERSITY**                                                      Bengaluru, Karnataka
B-Tech - Computer Science and Engineering                     August 2019 – June 2022

**Government Polytechnic**                                          Holenarsipura, Karnataka
Diploma in Computer Science and Engineering               August 2016 – May 2019

**Murarji Desai Residential School**                              Davengere, Karnataka
SSLC / 10th                                                              July 2013 – April 2014