

# Sumit

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## EXPERIENCE

### SDE-2

Nov 2022 – Current

*Kodnest Technologies, Bengaluru*

- Spearheaded the development of Golang microservices using Gin, decreasing system downtime by 30% and enhancing request handling throughput by 50%.
- Improved data retrieval efficiency by 40% with Redis through advanced caching techniques.
- Deployed over 10 microservices on Kubernetes clusters, ensuring 99.9% uptime and facilitating seamless scaling across multiple environments.
- Refined MongoDB queries, cutting CPU utilization from 70% to 20% and significantly boosting response times by 60%.
- Utilized AWS SNS and SQS for asynchronous communication, achieving a 35% reduction in message latency.

## EDUCATION

### IIIT Bangalore

Bangalore, IN

*Post Graduation Diploma In Software Engineering*

June 2022 – June 2023

### Sir MVIT Bangalore

Bangalore, IN

*Bachelor of Science in Information Science Engineering*

May 2019 – May 2022

### BSF IT

Bangalore, IN

*Diploma in Computer Science and Engineering*

June 2016 – June 2019

## PROJECTS

### compiled0 | *Golang, RabbitMQ, Redis, Docker, React.js, Tailwind CSS*

Sep 2024 – Present

- Developed a scalable and secure compiler service supporting multiple programming languages via RESTful API, managing over 1000 concurrent requests daily.
- Architected a sandboxed execution environment, preventing security breaches in untrusted code execution and enhancing system stability.
- Optimized backend logic, reducing API response time by 40%, allowing for higher throughput in code execution requests.

### go-notifier | *Golang, RabbitMQ, Redis, Docker.*

Oct 2024 – Present

- Developed a scalable, multi-channel Notification Service supporting Email, SMS, and Web Push.
- Implemented message prioritization and intelligent retry mechanisms to ensure reliable and timely delivery.
- Ensured the system's scalability and reliability to support large volumes of notifications efficiently.

### **KodNest Application Microservices (Backend)** | *Golang, AWS, MongoDB, Docker*

Dec 2022 – Present

- Designed and implemented RESTful APIs for a high-traffic application, handling over 500K daily requests with minimal downtime.
- Collaborated with frontend and DevOps teams to optimize deployment pipelines, reducing deployment time by 25%.
- Migrated critical services to AWS, improving system reliability and cutting hosting costs by 20%.

## TECHNICAL SKILLS

**Languages:** Golang, SQL (Postgres), JavaScript, HTML/CSS, Rust, Ruby, Python3

**Frameworks:** Gorilla, Node.js, JUnit, Tailwind CSS

**Developer Tools:** Git, Docker, Google Cloud Platform, Jenkins, VS Code, PyCharm, IntelliJ, GitLab, Bitbucket, Kubernetes, AWS, ArgoCD.

**Libraries:** Pandas, NumPy, Matplotlib

**Soft Skills:** Continuous Learning, Effective Communication, Adaptability, Resilience