Rishikesh K M

Software Engineer

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in LinkedIn ⬡ Github 👓 Medium

PROFILE

Full-stack software engineer with deep expertise in **scalable architectures**, system design, and **performance optimization**. Led initiatives at Guvi that improved **system throughput by 40%+**, **redesigned Multi-Tenant** execution systems, and mentored engineers in best practices. Passionate about backend engineering, Golang, and cloud-native systems.

PROFESSIONAL EXPERIENCE

Software Engineer   03/2023 – present
Guvi   Chennai, India

- Contributed to full-stack development of HyreNet, shaping its foundation.
- Optimized API performance, **improving efficiency by 40%** and enhancing scalability.
- Revamped product **UI within two months**, enhancing user experience.
- **Redesigned architecture** and data flow for test execution, increasing system reliability.
- Developed a **Multi-Tenant Architecture** with feature-based authorization, enhancing flexibility and access control.
- **Led the architecture** of a webhook system, ensuring seamless event-driven communication.
- **Mentored and guided** team members, assigning tasks, **improving problem-solving approaches**, and enforcing best practices in design patterns and code optimization.
- Conducted **R&D** on scalable On-Demand Execution architecture by containerizing question types, implementing auto-scaling, database integration, post-execution testing, and optimizing overall system performance.

Summer Intern   05/2022 – 06/2022
Zoho   Coimbatore, India

- Designed and developed a **Notification Engine** from scratch, handling **Data Modeling** and **Architecture**.
- Implemented full-stack development using JSP, Java, MySQL, and REST APIs.
- Optimized system performance and scalability, ensuring efficient notification delivery.
- Integrated **Event-driven mechanisms**, improving real-time notifications and user engagement.

EDUCATION

Masters of Computer Application(MCA)   2021 – 2023
Kumaraguru college of technology   Coimbatore, India

Bachelor of Computer Application(BCA)   2017 – 2020
RNS First Grade College

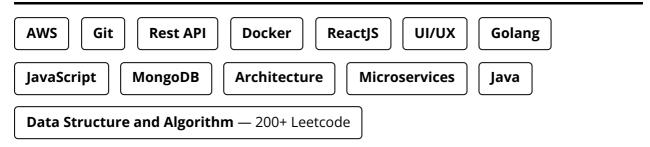## PROJECTS

Chaxapp   06/2022 – 08/2022
React Chat application
- **Developed a real-time 1:1 chat application using React**, featuring secure user authentication, dynamic message exchange, and intuitive user interface.
- **Implemented core messaging features** such as send/delete messages, emoji reactions, and GIF sharing using third-party APIs (e.g., Giphy).
- **Integrated Socket.io(with MongoDB) for real-time updates**, enabling seamless message syncing and user presence tracking.
- **Optimized user experience with responsive design and interactive UI components**, ensuring smooth cross-device communication.

SKILLS

| AWS | Git | Rest API | Docker | ReactJS | UI/UX | Golang |

| JavaScript | MongoDB | Architecture | Microservices | Java |

Data Structure and Algorithm — 200+ Leetcode

LANGUAGES

Sourashtra ● ● ● ● ●   Tamil   ● ● ● ● ○

English ● ● ● ● ○