Rohit Shetty

Sr. Software Developer

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Over **6 years** of experience as a **software engineer**, with a strong focus on **Golang development** for designing and implementing **microservices** in scalable, cloud-native architectures.Experienced in building high-performance backend solutions, particularly in the **OTT domain**, handling **video transcoding, metadata transformation, and adaptive streaming (HLS/DASH manifest generation)**.

Golang | MySQL | PostgreSQL | Docker | Micro Service |Kubernetes | GCP | AWS | CouchBase | Bash | Pub/Sub

⚕ Golang Experience Highlights:

- Developed **scalable microservices** in the **OTT domain** for **video metadata, transcoding, and multi-audio support**, improving system performance and flexibility.
- Designed and implemented **microservices architecture** across multiple projects, enhancing **maintainability** and reducing overall system complexity.
- Built and optimized backend services using **Golang, REST APIs,** and **cloud-native** technologies including **Docker, Kubernetes, and GCP.**
- Leveraged **asynchronous messaging** via **Pub/Su**b in Golang to enable decoupled, event-driven communication across microservices.
- Hands-on experience with **Amazon Web Services (AWS)** architecture and core services, including **EC2, S3**
- Created internal **automation tools** and integrated **CI/CD pipelines** to streamline business **workflows** and accelerate delivery cycles.

⚕ Professional Summary:

- Recently experienced in the OTT domain,specializing in developing microservices for processing various video formats, including transcoding for seamless content playback across multiple platforms.
- Proficient in SQL, with strong expertise in **MySQL** and **PostgreSQL**.
- Skilled in CI/CD tools, including **Jenkins**, with additional experience in **Heroku** and **Travis**.
- Demonstrates a proven ability to deliver research and development projects, as well as proof-of-concepts (**POCs**).
- Experienced in designing and managing integrated build pipelines using continuous integration workflows with tools such as **Jira** and **GitHub**.

🖥 Technical Skills:

Language/Scripting	GoLang, SQL, Bash, REST API's, Asynchronous Messages
Development Tools/Environment	K9S, n8n, VS Code
CI/CD Tools/Utilities	Docker, GIT, Heroku, Travis, Jenkins
RDBMS/DBMS	MySQL, PostgreSQL.
Operating System	IOS, Windows, Linux
Agile Methodologies	Sprint management and Workflows (JIRA) , Slack
Testing Utilities	Postman, Unit Tests

🖥 Professional Experience:

Quickplay Media Pvt. Ltd.
     Role: Sr.Software Engineer | Jan 2024 – Oct 2024
     Role: Software Engineer II | Jun 2021 – Jan 2024

- Led the design and implementation of microservices for OTT content, including video metadata, transcoding, multi-audio, and HLS/DASH manifest generation.
- Implemented automated CI/CD pipelines using Docker, Kubernetes, GCP, and Jenkins, improving scalability, performance, and team productivity.

  Key technologies: Golang, REST API's, Pub/Sub, GitHub, Jenkins, SonarQube, Kubernetes, Docker, GCP, MySQL, Postgres.

HeapTrace Technology Pvt. Ltd.
     Role: Sr. Software Developer | Apr 2018 – Jun 2021

- Led the development and deployment of microservices for internal tools, improving business process efficiency.
- Worked in Agile teams, managing tasks through Jira and Git, delivering features and bug fixes on time. Designed and implemented microservices architecture to reduce complexity and enhance maintainability.

  Key technologies: Golang, Angular 8, PHP, .NET, MySQL, GitHub, Docker.

🖥 Projects Summary:

Project #1: [Jun 2021 - Oct 2024]
Project Domain: OTT (Video Engineer)
Role: Sr Software Engineer
Project Summary:
The OTT Video Processing System is designed to handle the backend infrastructure for transcoding, metadata transformation, and video delivery for multi-platform streaming. The core functionality includes processing high-quality video content, converting it into various formats and bitrates for adaptive streaming, and generating HLS/DASH manifests to ensure seamless video playback across different devices and platforms.
Responsibilities: Planning design,solutioning and implementing new features, and bug fixes.
Technologies: Golang, Kubernetes, Cloud - GCP, AWS, Docker, Micro-services.

Project #2: [Sep 2020 - June 2021]
Project Domain: Thrive Partners
Role: Sr. Software Developer
Project Summary:
 It is an on-demand one-to-one coaching and mentoring web application, a session can be booked
with the coach by the client. Enterprises can register to give coaching to clients.

Responsibilities: Develop/Test/Manage/Upgrade the whole project with a team.
Technologies: Angular 8, Git, PHP, PostgreSQL.

Project #3: [Dec 2018 - Sep 2020**]**
Project Domain: OMG Services (AutomationTool)
Role: Software Developer
Project Summary:
The Open Micro-service Guide (OMG) Automation Tool is an open standard aimed at simplifying the development, deployment, and management of reusable microservices. This project focuses on providing developers with a structured framework for annotating and documenting microservices, making them easier to discover, deploy, and integrate into distributed systems. The OMG tool was designed to promote best practices in microservice architecture and enhance the reusability and scalability of microservices within an organization.
Responsibilities: Develop/Test/Manage/Upgrade the whole project with a team.
Technologies: Golang, REST API's, OMG tool, Docker, Git.

Project #4: [Apr 2018 – Nov 2018**]**
Project Domain: Oristech (Healthcare domain)
Role: Software Developer
Project Summary:
The Oristech Healthcare Application is a desktop-based solution designed to enhance the productivity of healthcare providers and improve the quality of patient care. The application aims to streamline critical healthcare processes such as medical record management, patient monitoring, and insurance case summarization, with a focus on improving communication between healthcare teams. By providing real-time access to patient data and automating various administrative tasks, the application significantly reduces the time spent on non-clinical activities, enabling healthcare professionals to focus more on patient care.
Responsibilities: Develop the chat module in the project.
Technologies: WCF, WPF, SignalR, Git.

Educational & Qualification

PG-DAC(**CDAC**) , Infoway with First Class.

Bachelor of Engineering (Information Technology) SPPU with First Class.

HSC from Shivaji University

SSC from Maharashtra Board