

Maheshwar Awale

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Technical Skills

- **Languages:** Java, SQL, NoSQL, HTML, CSS
- **Frameworks/Tools:** Spring Boot, Spring Framework, Microservices, Docker, Kubernetes, ELK Stack, GraphQL, REST APIs, Git
- **Cloud/Monitoring:** GCP, Azure, Prometheus, Grafana
- **Frontend:** React, Next.js (basic)
- **Concepts:** System Design, Distributed Systems, Scalability, DSA, Performance Optimization, Security

Experience

Software Development Engineer 1 — Reliance Jio

Navi Mumbai, India

Sept 2022 – Present

- Scaled backend services for 500M+ users, optimizing API response times to <100ms at 1000+ QPS, improving engagement by 40%.
- Led cloud migration (Azure → GCP), achieving 30% faster performance and 20% cost savings.
- Integrated 3rd-party APIs (Saavn, JioTV, Justdial, JioMart) into MyJio app, enhancing offerings and improving retention.
- Built interactive modules (Live TV, My City) for Jio News using reactive programming; boosted content consumption by 25%.
- Automated config management with Kubernetes ConfigMaps, cutting manual deployment by 40%.

Key Projects

- **Enhanced MyJio App Search** – Architected distributed search backend (Spring Boot + ELK + Docker) handling 1000+ QPS with <100ms latency. Designed a custom sorting algorithm to improve relevance, driving 40% engagement growth.
- **Search API for Jio Financial App** – Developed Elasticsearch-based search APIs with Spring WebClient, secure auth, and scalable infra; optimized to 1000+ QPS ensuring smooth UX.

Certifications

Spring Boot Essential Training | Java 8+ Essential Training | GCP for Enterprise | Elasticsearch Essential Training | Prompt Engineering with ChatGPT

Education

B.E. in Information Technology – SKNCOE, Pune University

2018 – 2022