

Surajit Pore

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Skills

Languages: Golang (Over 40000 lines), C++

Technologies & Tools: MySQL, PostgreSQL, MongoDB, DynamoDB, Cassandra, Google Cloud Platform (GCP), AWS, AZURE, Docker, Kubernetes, Elasticsearch, Prometheus, Grafana, Git, GitHub, GitHub Actions, SonarQube, Coverity, PGP, S3, SFTP, Kafka, Custom data loader framework, Load testing tools, Harness

Work Experience

ZopSmart, Bangalore

April 2023 - Present

Software Development Engineer - 2 | Golang

- Developed and optimized **10+ robust microservices** for B2B applications, capable of handling over **3,000 requests** per second.
- Architected and implemented B2B provisioning **automation**, ensuring **high performance and scalability**, with custom **metrics observability**.
- Performed load testing on over **500 million** data records, utilizing database **partitioning** and **indexing** techniques to optimize performance and ensure system **stability** under high-volume conditions.
- Corrected **50 million** production data records **without downtime**, ensuring data integrity and continuous system availability.
- Led the creation of an **automated DevOps** infrastructure, **streamlining** development processes and improving operational efficiency.

ZopSmart, Bangalore

July 2022 - March 2022

Software Development Engineer - 1 | Golang

- Built a **data loader** framework in Golang with **95% code coverage**, facilitating seamless data transfer across various data stores, including **SQL, S3, SFTP, DynamoDB, Cassandra, and Kafka**.
- Implemented a custom **metric** and designed a **Grafana** dashboard to **monitor** and visualize **real-time** framework performance, resulting in a **30%** increase in team **productivity** by enhancing focus on key performance areas.

ZopSmart, Bangalore

January 2022 - July 2022

Internship

- Gained hands-on experience in backend development and **microservices architecture**.
- Assisted in the **development** of consumer applications and **backend** services.

Project Work

- **High-Performance Microservice Development:** Developed a high-performance microservice with **100%** test coverage, capable of handling **200 million** data records and processing up to **2,000** update requests per second. Optimized **performance** through database partitioning and indexing, and enhanced monitoring by integrating custom **metrics** with a **Grafana** dashboard, while adhering to high industry standards.

Awards and Certificates

- Data Structures and Algorithm
- The Complete Web Development Bootcamp
- Design Patterns in Go
- LeetCode - **446+** question solved. **See Profile**
- GeekforGeeks - **550+** question solved. **See Profile**

Soft Skills

- Leadership, Innovator, Collaborative, Management, Mentoring, Delegation

Education

MAKAUT UNIVERSITY

August 2018 - June 2022

B.Tech. in Computer Science and Engineering