

Prasad Sawool

Email | Phone | LinkedIn | Github | Gitlab

PROFESSIONAL SUMMARY

Full-stack Software Developer with 4 yrs of experience building high-performance microservices, data pipelines, and secure authentication systems.

EXPERIENCE

- **Unify Technologies** Mumbai, India
Software Development Engineer 1 *Dec 2025 – Mar 2026*
 - Optimized backend microservices for a financial platform, reducing p95 latency by 20%.
- **Jio Platforms Limited** Navi Mumbai, India
Software Development Engineer 1 *Sep 2022 – Dec 2025*
 - Built a CDC-driven Kafka Streams synchronization pipeline, reducing catalogue data lag from 7 days to under 5 minutes.
 - **JioMart** - Integrated third-party delivery partners via webhook APIs, keeping delivery statuses up-to-date.
 - Migrated legacy invoice processing from a monolith to saga-based microservices with built-in observability, reducing order processing time by 40%.
 - **SSO Authentication** - Designed & implemented a single sign-on system with integrated RBAC, multi-tenant support, serving more than 5,000 organisational users.
 - **Microservices Optimization** - Reduced container image size from 600 MB to 200 MB using Maven plugins.
 - Developed a **Retail store launch portal** with SSO, CapEx and legal approval workflows, and configurable stakeholder email alerts.

EDUCATION

- **K.J Somaiya Institute of Technology** Mumbai, India
B.Tech (Electronics Engineering) *Jul 2017 – May 2022*

TECHNICAL SKILLS

- **Languages:** Java (8, 21), Kotlin, Rust, JavaScript, SQL, NoSQL, Python
- **Backend:** Spring Boot, REST, Kafka, gRPC, GraphQL, Quarkus, Microservices, Actix-web, Tokio, Axum, OAuth2, RBAC, Redis, OpenAPI, Protobuf
- **Frontend:** ReactJS, Angular, Material UI, Jio Design System
- **Databases:** MySQL, Oracle, PostgreSQL, MongoDB
- **DevOps & Tools:** Docker, Kubernetes, CI/CD, Git, Linux, Azure Devops
- **Cloud & Monitoring:** AWS, Azure, OpenShift, OCI, Grafana, Prometheus, Open-Telemetry, Jaeger, Zipkin
- **GenAI Tools:** Cursor, Codex, Copilot

CERTIFICATIONS

- Google Foundation of Project Management certification: Credential
- Jio Certified Project Manager Foundation (2023)

OPEN SOURCE

- **Open Data:** Contributed to opendata-log module (append only log db) built over SlateDB's LSM tree storage engine. [Link](#)
- **FOSS United Mumbai:** Active organizer and speaker at monthly meetups (2023-2026), promoting open-source technologies and knowledge sharing in the developer community