

Ayush Wagdre

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Experience

Simpl

March 2022 – Present

Senior Software Engineer

Bengaluru, India

- Pioneered the creation of the **SIKA service**, delivering a unified integration kit for **Pay Later and Pay-in-3** products; streamlined merchant and gateway integrations, improving transaction efficiency and user payment experience, resulting in an increase in monthly TPV from 3 Cr to 50 Cr.
- Led and deployed multiple integrations with SIKA across platforms such as **Shopify and Razorpay Optimizer** enabling seamless adoption across multiple e-commerce platforms.
- Redesigned and built a scalable **Pay-in-3 Orchestrator Service** for the Pay-in-3 product, managing user sessions and coordinating multiple microservices. Implemented the **Outbox pattern** for event processing, real-time status updates via webhooks and automated refund processing with retry mechanisms.
- Engineered the **Merchant Manager and Merchant Dashboard** for onboarding merchants to the Simpl network, enabling seamless onboarding and providing merchants with easy access to key features such as transaction views, bulk refunds, analytics, reports and other operational tools.
- Played a vital role in building **payment handler service** responsible for providing a unified API interface for different payment modes such as UPI, Cards, NetBanking, Pay Later and Pay-in-3 solutions within the Simpl checkout flow.
- Developed a **centralized configuration management** service using **KrakenD** that acts as an API Gateway Orchestrator, aggregating configurations from multiple downstream microservices into a single unified interface.
- Built a **cross-linking** authentication flow between Pay Later and Pay-in-3, reducing OTP friction and increasing repeat-user **conversion rates by 2%** for key merchants such as Myntra, Zepto and Ixigo.
- Implemented **in-memory** cache for SIKA services, alleviating database bottlenecks and decreasing API traffic resulting in major performance improvements.
- **Tech Stack:** GoLang, PostgreSQL, Redis, Ruby, Rails, Docker, OpenSearch, CI/CD

Tekion

July 2021 – March 2022

Associate Software Engineer

Chennai, India

- Contributed to the Task Management Team, building solutions to organize, track and manage workflows across multiple Tekion applications.
- **Tech Stack:** GoLang, MongoDB, Redis, Docker

Projects

Personal Finance Platform | HTML, CSS, JavaScript, ReactJS

- Engineered a **personal finance dashboard** integrating an IPO tracker, company earnings calendar, stock screener, and wishlist into a unified platform, including the implementation of premium features.

Lonari Kunbi Community Website | GoLang, Firebase, GCP, ReactJS, HTML, CSS, JavaScript

- Building a **digital community platform** with Google Sign-In, user registration, and interactive features such as events and member connections for the Lonari Kunbi community. Implementing role-based access control that enables users to securely view and upload biodata and facilitates user matchmaking.

Access-Based Control Website | Python, ReactJS, HTML, CSS, JavaScript

- Designed and executed a secure **Role-based web application** with authentication and authorization features. Enabled role-specific access to blogs, portfolios, and testimonials with a responsive React UI and Python backend.

Technical Skills

Languages: GoLang, Ruby, Python, HTML, CSS, JavaScript

Databases: PostgreSQL, MongoDB, Redis

Frameworks & Libraries: React, Ruby on Rails

Tools & Technologies: Docker, NewRelic, Firebase, AWS, GCP, CI/CD

Education

National Institute Of Technology Karnataka, Surathkal

Aug 2018 - May 2021

Master of Computer Application (CGPA: 8.38 / 10.00)

Karnataka, India