

Saurav Suman

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Summary

Backend engineer with 3+ years building production systems in fintech and data platforms. Currently shipping the core services behind Syfe's fund products in HK and SG. Comfortable owning a product surface from requirement to production-ready system.

Experience

Software Development Engineer (SDE-1)

December 2025 – Present

Syfe | Wealth Management (Fund Management System)

Gurugram, IN

- Owned the **Income Max HK** product backend end-to-end (Kotlin/Spring Boot microservices) – portfolio-type creation, custom security allocation, multi-currency FX handling (HKD/USD, LN/US-listed funds), ex-date dividend accrual, iFile generation, payout reconciliation, and reinvestment; **Income Max HK USD** has since become the **fastest-growing portfolio by AUM in the HK market**.
- Architected **SRS (Singapore) price ingestion pipeline** from scratch with an event-driven PSPL file ingestion job, Slack alerting, and reconciliation service; eliminated manual price uploads and removed ops intervention.
- Led backend for **Cash+ Fixed Portfolio Operations** – complete lifecycle covering maturity, subscription, spread accounting, and a bank/client-rate approval system with configurable workflows.
- Designed and shipped **Structured Change Logs framework** with a fluent builder API, AOP @TrackChanges aspect, and Strategy-pattern ChangeLogSink – collapsing **6-line audit call sites to 1** (~85% boilerplate reduction) across **50+** call sites with full backward compatibility.
- Built **AI-powered engineering workflows** using Claude Skills – automated code-review agent and an on-call debugging assistant integrating **Datadog, Metabase, and Sentry** – cutting production incident triage time by ~50%.

Software Development Engineer (SDE-1)

April 2025 – October 2025

Spyne.ai

Gurugram, IN

- Designed **dynamic substage workflows** in the Enterprise Contracting Console using **Kafka**-based asynchronous pipelines with automated email triggers and real-time status tracking – reducing manual contract-stage transitions by ~70% for enterprise dealers.
- Built a **credit management system** for resellers and dealerships with configurable limits, balance tracking, and analytics – powering credit decisions for **1000+ dealerships** and unlocking a new revenue stream.
- Developed **DealerGPT**, an AI chatbot using OpenAI API integrated with a centralized knowledge base, deflecting ~40% of dealer support queries.

Software Development Engineer (SDE-1)

July 2023 – April 2025

Growth Jockey Pvt. Ltd. | Marketing Data Platform

Gurugram, IN

- Architected scalable backend systems and REST APIs handling **100,000+ daily transactions**; cut latency by **35%** via Redis caching and async processing.
- Designed multi-level data systems using **Directed Acyclic Graphs (DAGs)** for scalable cross-source data flow, reducing operational overhead by **25%**.
- Engineered resilient ingestion pipelines with concurrent-safe operations and dynamic JSON schema validation; integrated OAuth-based auth for Google and Meta APIs.

Backend Developer Intern

Feb 2023 – June 2023

GAIA Smart Cities

Mumbai, IN

- Built Node.js backend APIs for the **CITIIS project** enabling project endorsement and approval workflows with role-based permissions; modularized the codebase to improve system efficiency by **10%**.

Education

Thapar Institute of Engineering and Technology – B.E. Electronics and Instrumentation Control

Aug 2019 –

May 2023, CGPA: 7.56

Technical Skills

Languages: Java, Kotlin, Python, GoLang, TypeScript, JavaScript, C++, SQL

Frameworks: Spring Boot, Django, Gin, Express, ReactJS, Tailwind

Databases: PostgreSQL, MySQL, MongoDB, ClickHouse, Redis

Distributed Systems: Kafka, Async Pipelines, AOP, DAGs, Distributed Locks

Architecture: Microservices, REST APIs, Event-Driven Architecture, System Design, Concurrency, Design Patterns (Strategy, Builder, AOP)

Cloud & DevOps: AWS (S3, Vault), Cloudflare CDN, Git, Linux, PM2, CI/CD, Docker

Observability: Datadog, Sentry, Metabase