

HIMANSHU MALPANDE

Backend Systems & Data Platform Engineer

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Summary

Backend Systems & Data Platform Engineer with experience designing multi-tenant SaaS platforms, large-scale data ingestion systems, and high-performance ETL pipelines. Reduced ETL processing time by over 80% (5+ hours to under 1 hour) and built scalable pipelines processing 30M+ rows per tenant. Experienced in financial systems, distributed architectures, and LLM-integrated product workflows.

Core Skills

Data Ingestion, ETL Pipelines, Multi-tenant Architecture, Distributed Systems, High-performance Backend Systems, Financial Systems, Event-driven Architecture, System Design

Technologies

Golang, Python (Flask/FastAPI), Java (Spring Boot), PHP, Kafka, RabbitMQ, Airflow, Postgres, CockroachDB, ClickHouse, Neo4j, Docker

Experience

Precanto — Chief Architect (Feb 2023 – Present, Remote)

- Architected multi-tenant FP&A platform handling complex financial and headcount data
- Designed configurable data ingestion system for heterogeneous enterprise sources (HRIS, ATS, financial systems)
- Reduced ETL runtime by over 80% (5+ hours to <1 hour) using Golang and optimized data loading strategies
- Built pipelines processing 30M+ rows per tenant for financial analytics
- Designed multi-tenant authentication and authorization system
- Developed configurable financial reporting engine with multi-dimensional filtering
- Integrated LLM-based conversational interface translating user queries into structured backend requests

Arikxa — Founding Engineer (Jan 2022 – Jan 2023, Remote)

- Designed graph-based cloud security model for AWS infrastructure relationships
- Built near-natural language query system over graph data
- Processed large-scale AWS inventory data to detect security issues

mPokket — Principal Software Engineer (Jan 2020 – Jan 2022, Remote)

- Led architecture of loan management system (disbursement, repayment, reconciliation)
- Designed microservices handling 10M+ financial transactions per day
- Managed and mentored team of 10 engineers
- Built highly available backend systems for financial operations

Jigsaw Academy — Senior Software Engineer (Dec 2014 – Dec 2019)

- Developed LMS and student lifecycle systems for B2B and B2C platforms

Selected Projects

- High-performance data grid with virtualization and server-side processing
- Graph-based AI inference system
- Multi-tenant authentication system (OAuth, SAML, JWT)
- Low-latency trading platform with real-time execution
- Multi-threaded HTTP server in C++

Education

MCA — Devi Ahilya Vishwavidyalaya, Indore (2010 - 2013)

BCA — Devi Ahilya Vishwavidyalaya, Indore (2007 - 2010)