

NEEL CHAUDHARY

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WORK EXPERIENCE

Software Development Engineer Swift

April 2024 - Current
Bangalore, India

- Engineered core components of **Swift Checkout** - [India's first one click e-commerce checkout system](#), leading to a **8% increase in conversion rates** and **11% increase in average order value (AOV)**.
- Implemented **asynchronous order processing** for Shopify orders during checkout using **Redis SMQ** to handle rate limits, **reducing duplicate payments by 99%** and **eliminating instant refund costs**.
- Architected scalable **Product Master** feature using micro services and cron jobs, **improving order fulfillment accuracy by 7%**, while also enabling **Reverse QC proofs**—a critical verification system for Swift's quality control processes.
- Developed **custom ABC - Abandoned Cart Recovery system flows** leveraging multiple integrations (**Intrakt, BusinessOnBot, Freshchat, Wigzo, Limechat, Contlo, Picky Assist**), automating abandoned cart recovery processes and **achieving a 5% increase in recovered revenue**.
- Spearheaded the migration of Swift Checkout to v3 using GraphQL and REST APIs, supporting **300+ MSMEs and 100k+ daily active users (DAU)**, processing **1M+ worth of transactions daily**.
- **Optimized existing MongoDB database queries** for analytics, orders and transactions grid listing APIs, **reducing response time by 20%** and **eliminating timeout errors**.

Software Development Engineer LineupX

November 2023 - March 2024
IIT Bombay, India

- Spearheaded migration from **Node.js** to **Golang**, implementing advanced concurrency patterns and **microservices architecture**, resulting in **12%** reduction in API response times.
- Designed and deployed a **high-throughput real-time notification system using Apache Kafka**, ensuring immediate message delivery and **boosting user engagement by 40%** across the platform.

PROJECTS

devspace

- Developed a **collaborative platform for developers and designers**, enabling seamless interaction and project coordination.
- Engineered an **ML-based recommendation system using Node.js and TF-IDF** to calculate similarity scores, **enhancing user match accuracy by 18%**.

Air - In Progress

- **Engineered a decentralized escrow service** built to facilitate secure and trustless transactions on the blockchain. Currently building the support for **Solana**, the platform leverages Alchemy APIs for seamless blockchain interactions.

SKILLS

Technical Skills	Node.js, Light4j, GraphQL, Apache Kafka, RabbitMQ
Cloud	AWS EC2, S3, Lambda, GCS
Programming	Golang, Python, C++, TypeScript
Database	PostgreSQL, MongoDB, Redis

EDUCATION

University of Mumbai
Bachelor of Technology, Information Technology

2019 - 2023
CGPA : 8.71