

Ojas Tyagi

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Engineering

Vellore, India

September 2021 — July 2025

EXPERIENCE

Zenskar

Backend Engineer

Remote

April 2025 — Present

- Extended and maintained the contracts and execution layer, adding new pricing and lifecycle features while preserving correctness of existing financial workflows.
- Worked on the executor responsible for processing contract state changes into financial events, debugging edge cases and ensuring consistent outcomes across retries.
- Maintained and improved double-entry accounting and revenue recognition logic, fixing reconciliation issues across contract lifecycles.

Superjoin (Previously StackIt)

Software Developer Intern

Bengaluru, IN

August 2023 — July 2024

- Optimized Data Integration with Kafka and REST APIs:** Enhanced data transfer efficiency, reducing manual efforts by 40% and enabling seamless automation of integration workflows.
- Boosted Revenue with Stripe Paywall and Secure Collaboration Features:** Implemented a frictionless paywall, increasing subscriptions by 25%, and introduced secure connection sharing within organizations to safeguard sensitive keys.
- Streamlined Deployment with CI/CD Pipelines:** Designed and implemented Jenkins pipelines, reducing deployment time by 50% for production and pre-production environments. Added automated reporting features to deliver real-time data insights via Slack and email.
- Engineered Efficient Data Previews for Imports:** Developed an optimized system to render data previews before final import, improving speed and resource utilization by 100%, enhancing user experience and system performance.

TECHNICAL SKILLS

Programming Languages Go, C/C++, Python, JavaScript/TypeScript, Lua, R, SQL

Libraries/ Frameworks Echo, Gorm, Cobra, Bubbletea, Express, Jest, React, React Native, NextJS, TailwindCSS, Redux, gRPC, Protobuf

Developer Tools & Platforms Git, Bash, Unix, Nix, GitHub, Docker, AWS, GCP, Firebase, MongoDB, PostgreSQL, Redis, Jenkins, Apache Kafka, Kubernetes

PROJECTS

Jatt - [🔗](#)

Go

A fast static site generator written in Go, capable of building sites in **5ms**. Features simple YAML configuration and a seamless 3-step build process for highly customizable site creation.

Bashform - [🔗](#)

Go, PostgreSQL, SSH

A terminal-based form creation tool using SSH. Built with a Golang backend, users can respond to forms directly via SSH, eliminating the need for extra installations.

SheetBridge - [🔗](#)

Go, Apache Kafka, Protobuf

Developed a service for real-time synchronization between PostgreSQL and Google Sheets. Utilized Kafka for change streams and Protocol Buffers for efficient service communication.

Termtor - [🔗](#)

Go, P2P

A command-line torrent client built with Go. Provides lightweight yet efficient torrent management directly from the terminal.

TurboKey - [🔗](#)

Go, TCP

A high-performance TCP-based key-value store offering 30% faster data retrieval and support for 10,000 concurrent connections. Fully compatible with Redis using the RESP protocol.

VOLUNTEER EXPERIENCE

Core Member, (GDSC) Google Developer Student club, Vellore Institute of Technology, Vellore. 2021—2023

Core Member Codechef, Vellore Institute of Technology, Vellore. 2021—2023

Event Coordinator at Gravitas 2022, Vellore Institute of Technology.