

Ojas Tyagi

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EDUCATION

Vellore Institute of Technology
Bachelor of Technology in Computer Engineering

Vellore, India
September 2021 — July 2025

EXPERIENCE

Superjoin (Previously StackIt)

Software Developer

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.

Onboarding.club

Full Stack Developer

Remote
December 2023 — March 2024

- **Migrated Backend and Database:** Transitioned from Golang to TypeScript and from PostgreSQL to MongoDB, enhancing scalability and development speed while eliminating migration hassles, leading to a 30% reduction in development time.
- **Innovated Platform Features and Integrated Activity Heatmaps:** Built features for gigs, blogs, rewards, and profiling, increasing user growth by 40%. Added heatmaps for activities like blockchain and GitHub contributions, boosting user engagement by 25%.
- **Orchestrated Stellar Builder House:** Led the first global Stellar Builder House, attracting builders from across the country to develop products within a week, with participants having the opportunity to secure \$100K in grants.

TECHNICAL SKILLS

Programming Languages Go, C/C++, Python, JavaScript/TypeScript, Lua, 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 lightning-fast static site generator in Go, building sites in **5ms**. Features a simple YAML configuration and a 3-step build process for seamless, customizable, and efficient static site creation.

SheetBridge -

Go, Kafka, Protobuf

Engineered a real-time synchronization service to mirror a PostgreSQL database in Google Sheets, ensuring data consistency across both platforms. Leveraged Apache Kafka for change streams and Protocol Buffers for efficient inter-service communication.

Termtor -

Go, Bubbletea

A lightweight and intuitive torrent client built in Go, designed for seamless command-line usage. Termtor leverages the Bubbletea framework for a modern, user-friendly interface, providing efficient torrent management with minimal resource consumption.

TurboKey -

Go

Built a high-performance TCP-based key-value store with 30% faster data retrieval and support for 10,000 concurrent connections. Integrated the RESP protocol for seamless Redis compatibility, reducing migration effort by nearly 100%.

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.