WILFRED ALMEIDA

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SKILLS

Mobile: Flutter   **Backend**: NodeJS, Golang
Cloud: NGINX, Linux   **Databases:** Postgres, MongoDB, Firebase
Platforms: GitHub Actions, Cloudflare   **Tools**: Git, Postman, Lens

WORK EXPERIENCE

Saganize   Remote, Contract
Backend Developer   *06/2023 - 07/2023*

- Architected and Implemented an idempotent **Backend for Cryptocurrency Payments Gateway.**
- Ensured seamless user experience with robust error handling and retries.
- Achieved ∼**3-second average transaction time** for payments, optimizing efficiency and security.
- Followed industry best practices, maintaining high code quality and scalability in compliance with coding standards.
- Tech: **TypeScript, Supabase, Web3JS, Solana**

CNCF Harbor (LFX Portal)   Remote
LFX Mentee   *03/2023 - 05/2023*

- Enhanced the versatility of replication filters (GitHub Issue)
- Implemented regex capability when defining replication rules using Golang
- Updated documentation and existing functionalities

See All Work Experiences

PROJECTS

MobXcess: Secure Server Access from Mobile Devices | *Flutter, Golang, AES Cryptography*   Frontend Backend

- Facilitates the execution of remote commands from mobile devices
- Ensures secure communication through the use of **AES-256-GCM**
- Provides an SSH alternative for mobile device usage

ChaturMail: AI Email Generator | *Flutter, NodeJS, MongoDB, Redis, NGINX, Kubernetes, Harbor, ArgoCD*   Playstore

- Generates Email using Subject and Keywords
- **Automated, Load Balanced, CI/CD Deployment on Debian 11 VPS**
- Backup deployment on Heroku Pipelines | Backend | Frontend

Rusly: Rust URL Shortener | *Rust, Rocket, SQLite, Railway*   System Design

- URL shortening application that efficiently shortens give URLs
- High-performing APIs utilizing **Rust's Rocket framework & SQLite**, resulting in a lightweight system
- Automated deployment of the application on Railway.app

Go SDK Client for Unkey | *Golang*   GitHub

- Go functions to interact with the Unkey API
- Achieved high performance using native libraries, independently developed without any external dependencies.
- Successfully tested and received community approval for an open-source initiative.

See All Projects & Open Source Contributions

VOLUNTEER EXPERIENCE

Postman Student Expert | *Badge*   11/2022 - Present
Student Expert

- Providing support to peers in learning APIs through sessions and workshops
- Advocating for the adoption of Postman among colleagues
- Promoting API literacy through ongoing efforts

GDSC-TCET | *Linkedin*   08/2022 - 05/2022
Joint Technical Head

- Currently organizing and conducting technical sessions
- Fostering a community of tech enthusiasts to engage in peer learning and collaboration

ACHIEVEMENTS

- Delivered talks at **Kubernetes Community Days** and other conferences | *All Talks*
- Authored and published technical blogs to share knowledge and expertise | *All Blogs*
- Published Technical Research Papers in internationally renowned journals like **IEEE Xplore** | *All Papers*

EDUCATION

University of Mumbai

Bachelors in Computer Engineering, **CGPA: 9.2**