

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

Linux Foundation LFX Mentee, CNCF Harbor (LFX Portal) Remote
Mentee 03/2023 - 05/2023

- Enhancing the versatility of replication filters ([GitHub Issue](#))
- Implementing regex capability when defining replication rules using Golang
- Updating documentation and existing functionalities

FullStack Mobile Developer, BytesBrick InfoSystems (Certificate) Remote
Intern 02/2022 - 04/2022

- Designed and implemented NodeJS APIs for a B2B e-commerce platform
- Created REST APIs using Express and managed MySQL database interactions
- Implemented JWT client verification and integrated AWS OTP service for enhanced security

[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 - Present
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