WILFRED ALMEIDA

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SKILLS

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

WORK EXPERIENCE

Underdog Protocol   Remote, Contract
FullStack Developer   *10/2023 - 12/2023*

- Developed comprehensive API endpoints with accompanying test suites
- Elevated user interface experience for established services
- Managed and resolved support requests
- Followed industry best practices, maintaining high code quality and scalability in compliance with coding standards
- Tech: **TypeScript, NextJS, Solana**

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
- 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

UnderMail: Mailchimp like cNFT Service | *SvelteKit, Supabase*   GitHub

- Easy cNFT minting, featuring **project creation, bulk minting via CSV, and comprehensive mint history tracking.**
- Eliminated chain complexities, providing a user-friendly interface for project creation, minting, and analytics
- Implemented industry reckoned **Plausible** analytics

CAPI: Solana cNFT Minting API as a Service | *Metaplex Bubblegum, Helius, TypeScript, Supabase*   GitHub

- API suite for **Gasless cNFT Mint**
- Helius **DAS API integration** in CAPI to ensure fast access to minted cNFTs
- End-to-end cNFT creation including **image storage, metadata generation, JSON file storage, Merkle tree creation, and minting processes**

MSOL: Short Names (SNS) for Solana Public Keys | *Sveltekit, Typescript, Vercel KV, Underdog*   Demo | GitHub

- Facilitates creation of users' choice short names for Solana public keys
- Provides Web and REST API for SNS lookup with average response times of ∼**250ms**
- Awards NFT with SNS information as proof of ownership

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

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

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**