Gabriel De Almeida

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Summary

I'm a software engineer based in West Palm Beach, FL. Currently, I'm a senior software engineer at Upstream. I'm also the co-creator of <u>Campion</u> ⧉ , an edge-based serverless middleware for implementing circuit-breaking functionality for distributed services. Previously, I founded BooklyBox, which was successfully <u>acquired by Quarterly</u> ⧉ .

Skills

Backend

Go, C, Node.js, Express, Remix, Ruby, Rails, Sinatra, Solidity, PostgreSQL, MySQL, SQL, GraphQL, Redis, MongoDB, DynamoDB, Lambda

Frontend

JavaScript, Typescript, React/Redux, React Native, Vue, HTML/CSS, TailwindCSS, jQuery

Tooling

Git/GitHub, Docker, Kubernetes, Linux, Hardhat, Truffle

Cloud

AWS, Cloudflare, Digital Ocean, Heroku

Professional Experience

04/2022 – present

Remote, USA

Senior Software Engineer, Upstream

- Built and architected the Fortuna service, a highly available and fault-tolerant Ethereum transfer event ingestor used to keep track of all ERC20, ERC721, and ERC1155 transfer events and token metadata since genesis. Fortuna removed our dependency on third-party APIs, and greatly improved our speed and efficiency. With well over a billion rows of data, and growing with every processed block, Fortuna is able to calculate token totals for multiple wallets and contracts and even return token metadata when requested, in milliseconds speed
- Added text search to our platform with the use of Postgres' Tsvector
- Fully revised our upgradeable smart contracts, in charge of holding millions worth of members' tokens and implementing our DAO in-a-box functionality, to pass audits
- Improved DAO voting capabilities
- As a full-stack engineer, I worked on the GraphQL backend, React front-end, React Native for mobile development, and Solidity/Hardhat for smart contract development

02/2021 – 03/2022

Remote, USA

Senior Software Engineer, Storj Labs

- Co-created the Storj file browser built on top of the Storj network, allowing users to search, store, and operate on their files stored on the decentralized object storage network, which led to an increase in user engagement by 20%+
- Helped engineer a new user onboarding flow from sign-up to object storage
- Wrote extensive Go end-to-end tests for web apps
- Co-created Storj Backup, an Electron desktop backup app to allow users to backup and restore their files within the Storj network

08/2020 – 02/2021

Remote, USA

Co-Creator, Software Engineer, Campion — campion-breaker.github.io ⧉

- Co-created Campion, an edge-based serverless middleware for implementing circuit-breaking functionality for synchronously called distributed services
- Built Campion to work on AWS (IAM, CloudFront, Lambda, and DynamoDB) and Cloudflare (Workers and Workers KV) with a single CLI command
- Designed Campion to work with all HTTP methods and to forward any incoming and outgoing headers and body

- Resolved race conditions when incrementing failure/success counts by appending new entries to databases with unique time-based keys
- Load tested Campion by using artillery.io to simulate 5,000+ concurrent requests
- Built easy-to-use CLI that abstracts away complex deployment logic and a beautiful dashboard for users to track their metrics with Node.js, Express, React, and Redux
- Collaborated daily with a fully remote team of engineers
- Co-authored Campion's case study: https://campion-breaker.github.io ⬀

2019 – 2020 Remote, USA	**Software Engineer,** Self Employed

- Dayllo: Trello-like app with React/Redux front-end and Ruby on Rails REST API backend
- Airline Routes: an interactive SVG map for viewing and filtering airline routes built with React and bootstrapped with Create React App
- Team Tickets: Ticket tracking app written in Ruby/Rails 6, PostgresSQL, deployed on Heroku

2017 – 2018 Santa Monica, USA	**Co-Founder, Growth Director,** PageHabit (Quarterly Subsidiary)

- Led the growth team and grew our online book community to over 50,000 active members
- Created the influencer program and the wildly popular PH contests to drive sustainable growth

2015 – 2017 Boston, USA	**Founder,** BooklyBox

- Founded BooklyBox, a monthly book membership with a thriving online community consisting of thousands of members
- Led a team of four employees and 15 moderators for our online community
- Acquired by Quarterly ⬀ in May of 2017

Education

2015 – 2017 Amherst, USA	**Finance,** Isenberg School of Management, UMass Amherst ⬀