



ALBIN ESTEBAN FRIAS ROJAS

Software Engineer

 My website

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 github.com/PseudoMera

 albinfrias

SUMMARY

Software Engineer with over 4 years of diverse experience, encompassing both frontend and backend development. Proficient in Go, AWS, NodeJS, Type-Script and React.

SKILLS

Languages: Go, C++, C#, JavaScript, Typescript.

Technologies: AWS, Docker, CMake, Prometheus, Grafana, PostgreSQL, SQL, React, GRPC, NATS.

EXPERIENCE

- 10-2023 – Present **Stealth startup** **Back-End Engineer**
- Built a multi-coin mining pool from the ground up which allowed the company to generate a new source of revenue from unused servers.
 - Integrated said mining pool with prometheus and grafana metrics which gave visibility of the entire system to all the stakeholders.
- 01/2023 – 10/2023 **Pocket Network** **Back-End Engineer**
- Conducted the engineering initiative to transition our Go GraphQL API to an enhanced v2 version, significantly improving our code base read-ability and streamlining team contributions by making the code more accessible to the rest of the engineering team.
- 11/2021 – 01/2023 **Pocket Network** **Front-End Engineer**
- Led the integration of the web wallet with Ledger NanoS, NanoX and Nano S Plus devices, enabling users to securely manage their funds without third-party reliance.
 - Steered engineering efforts to introduce payments into the company main product, establishing a crucial revenue stream.
- 02/2020 – 11/2021 **Curbo Technologies** **Full-Stack Engineer**
- Built a recommendation system that allowed users to find their next ideal car.
 - Proposed and developed the "sell your used car" system, which opened an entire new frontier for the company revenue stream.

PROJECTS

- Go, PostgreSQL **Portal Platform Backend**
- GraphQL API developed in Go, designed to serve as the backbone of the business for the portal-platform. The portal-platform was the user-friendly UI customers used to setup their organizations, invite collaborators and manage their nodes.
- Go, Prometheus, Grafana **Multi-coin mining pool**
- Mining pool developed using go with modular extensibility, supercharged with profit-switching + merged mining, anonymized with hash obfuscation, and exported with end-user centric interfaces.
- Go, Grpc, docker **Virtual store** github.com/PseudoMera/virtual-store
- Scalable microservices based e-commerce application using Go. This system consists of several independent microservices that handle different aspects of the e-commerce business, such as user management, product inventory, and order processing.

EDUCATION

- 08/2017 - 01/2021 **Software Engineering** **Instituto Tecnológico de Santo Domingo (Santo Domingo Institute of Technology)**
- Software Engineering, GPA: 3.8
- 06/2023 **AWS Developer - Associate Certificate** **Amazon Web Services Training and Certification**
- Familiarity with fundamental AWS services, their applications, and foundational AWS architectural principles, along with expertise in creating, deploying, and troubleshooting applications in the cloud using AWS.

LANGUAGES

English - C1, **Spanish** - native