Portland, OR 97223

Austin Millan

austin.millan@protonmail.com

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Employment

Fifth Third Bank   **Senior Cloud Engineer**   **Jan 2023 - present**

- Collaborated with other AWS Solutions Architects to design and implement robust guardrails, paving the way for migration of workloads from on-premise data centers to a secure cloud environment.
  (Tech: Golang, Python, AWS Lambda, Config, Service Catalog, EC2 Image Builder, IAM, SCP)

Sightline Payments, LLC.   **Backend Software Engineer**   **Oct 2021 - Jan 2023**

- Onboarded new customers by implementing and deploying custom backend systems within highly secure casino environments, enabling data exchange for casino mobile applications and empowering user engagement with tens of thousands of casino patrons.
  (Tech: Golang, Python, OpenAPI, AWS Cognito)
- Instrumented new and existing systems with logging and metrics to increase observability in a hybrid cloud environment, as well as introduced an on-call system to handle incidents.
  (Tech: Prometheus/Loki/Grafana (PLG), Grafana OnCall OSS)

APCON, Inc.   **Software Engineer**   **Mar 2019 - Oct 2021**

- Worked closely with a team of 5 engineers to release a pioneering event-driven microservice architecture providing cloud network visibility, preceding the introduction of AWS VPC Traffic Mirroring.
  (Tech: Golang, Python, Redis, Docker, AWS)
- Released critical performance and reliability patches to network switch-management software.
  (Tech: Golang, Docker, MySQL)

APCON, Inc.   **Software Developer, Intern**   **Mar 2018 - Mar 2019**

- Developed and released a user-space network packet-processing application for header-stripping GRE-encapsulated packets from any source IP address.
  (Tech: C++, PcapPlusPlus)

Open-Source Projects & Contributions

- *WAVE-Steganography:* An information hiding tool written in Rust that can both embed/extract and encrypt/decrypt data inside a 16-bit WAV audio file.
- *brokerage-api:* A collection of client library implementations for popular stock brokerages like Robinhood and Webull.
- *plex-justwatch-webhook:* A Plex webhook that manages streaming-provider playlists for all your users.
- *runescape-runemate-bundle:* A Docker image for deploying the popular MMORPG RuneScape client alongside RuneMate (15K+ downloads).
- *python-terrascript:* Contributions to support the VMware vSphere provider.

Education

Portland, OR   **Portland State University**   **2014 - 2018**
- Bachelor of Science, Computer Science, December 2018

Skills & Hobbies

- Golang; Python; Amazon Web Services (SAA-C03); Terraform (HCTAO-003); RESTful APIs; Microservice Architecture; RabbitMQ; Docker; Git & GitLab;
- Drone flying (videos on YouTube); Fractal exploration (Mandelbulber); Home automation (Hubitat); Home labbing (Unraid OS / Ubiquiti);