

Clinton Collins

Software Engineer and System Administrator

SUMMARY

Software engineer with over 10 years of software engineering experience and 13 years of experience with system administration. Designed and created a web-hosting control panel from the ground up using Python and Django that is still used in production today. Broad experience developing monolithic services and microservices in Go, Javascript, GRPC, Kafka, and PostgreSQL. Looking to expand knowledge and continuously improve skills.

EXPERIENCE

Corelogic (Formerly Roostify) - *Sr Professional, Software Engineer*

November 2022 - Present / Remote

- Planned, documented, and executed migration of all customers from Heroku platform to AWS.
- Migrated production database from Heroku PostgreSQL to AWS Aurora MySQL
- Refactored Ruby-based projects and services into more performant services in Go.
- Contributed and implemented regular architectural design decisions for core product and supporting tools.

RunZero (Formerly Rumble, Inc) - *Senior Software Engineer*

APRIL 2021 - AUGUST 2022 / Remote

- Planned and developed customer facing reports showing network asset data using Go, Javascript, PostgreSQL, and Highcharts.
- Improved self-hosted CLI platform and improved the automatic installation on Linux-based operating systems.
- Created and improved multiple public API endpoints to enable better customer access to the platform.
- Implemented and enhanced fingerprinting of network devices to identify specific hardware and running services.
- Advocated for and helped migrate front-end services from vanilla javascript and jQuery to VueJS.
- Revised existing code base by adding unit testing and assisted with implementing unit tests with new development.

Allgamer, LLC - *Owner*

2010 - August 2023 Dripping Springs, Texas

- Managed and monitored dozens of physical servers and their services located in the US, Australia, and Europe.
- Designed, created, and deployed custom hosting control panel written in Python/Django and a Go based agent running on individual servers.
- Communicated with customers on a daily basis in the form of technical support and completing sales of hosting services.
- Migrated leased hardware to company owned hardware with colocation to reduce nearly 50% of monthly overhead costs.
- Adjusted marketing and service offerings that helped quadruple active customers in the second year of operation.

Barrel Racing Logistics - *Senior Developer*

APRIL 2020 - APRIL 2021 / Remote

- Designed and developed an Electron based application for tracking horse barrel racing times in real-time using Go (Golang) and VueJS.
- Created and managed the main company website that integrated with the barrel racing application and reduced hosting costs.
- Integrated electron application with Google Cloud services for syncing spreadsheets and data.
- Advised and designed infrastructure using Google Cloud services and made plans for long term growth.

The Brierley Group - *Go Developer*

MAY 2019 - MARCH 2020 / Remote

- Designed and created multiple microservices with Go, GRPC, Kafka, PostgreSQL, Docker, and Kubernetes for a customer loyalty service.
- Implemented front-end features of the customer loyalty service using React and Typescript.
- Used test driven development to enhance new and existing microservices.

AmericaWerx - *Senior Developer*

MAY 2018 - JULY 2018 / Remote

- Designed and developed a classifieds and job listing website that supported multiple locations across the United States.
- Integrated payment system for purchasing website points using Paypal and converting points to pay for listings.
- Consulted and worked closely with a remote web design company to take the website from concept to production.
- Setup automated deployment with Github and pushed updates directly to a virtual private server provider and managed server updates.

- Leveraged Go (Golang), PostgreSQL, and Nginx

TECHNOLOGY

Programming Languages and Frameworks - *Go (Golang), Python 2, Python 3, Javascript, HTML/CSS, VueJS, and Typescript*

Software/Applications - *Nginx, Apache, Kafka, Redis, and Docker*

Databases - *PostgreSQL, MySQL, SQLite, MongoDB, and BoltDB*