Ryan Joseph Patrick Casalino
Programmer
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Summary

I am a largely self-taught programmer with proven ability. I am comfortable with a variety of programming languages and am familiar with modern software paradigms. I enjoy working with UNIX-like operating systems NixOS and OpenBSD. I strive to write clean code, understand systems. If given an ambiguous problem I more often than not can solve it. I'm a team player and I'm not afraid to ask for help. I am a life long learner and avid reader. I have a passion for technology and a desire to help people.

Experience

Liaison Technologies
2015 – 2017 / Atlanta, GA

Liaison Technologies allowed organizations to meet their toughest data challenges while building a robust data-centric foundation.

Software Programmer

At Liaison I worked on and maintained Node.js RESTful APIs using Hapi.js for a variety of services. Working on a cross-functional team that spanned oceans we produced an MVP in an agile environment and delivered said MVP in two months. Afterward, I was responsible for maintenance of the application's front end and back end systems.

Merchant-e Solutions
2017 / Atlanta, GA

Merchant-e makes payment processing simple.

Software Programmer

While with Merchant-e I delivered a Node.js database connection tool for an Oracle database to replace an aging and arcane Java-based solution. At the same time, I supported Apache and nginx server upgrades and maintenance for a variety of front end applications ranging from the POS UI to the company's marketing website. I was also able to mentor junior developers and help them with their projects. Finally, I was able to introduce the company to the benefits of using Docker for development and production environments.

Various Startups
2017 – 2020 / Seattle, WA

GawkBox, React Mobile, Contract roles elsewhere

Software Programmer

During this time I first worked at "GawkBox"—a startup whose mission was to help monetize streamer content. I owned the rewrite of their authentication API replacing a hastily written Node.js API with Go resulting in reduced code complexity. I also stood up a MySQL DB to work in conjunction with this API. I introduced Vue.js for version 2 of their front end replacing a poorly supported Sails.js implementation. I was able to enhance the login/authentication experience for users of the "GawkBox" platform while fulfilling new feature requests from product team. Next, for "React Mobile" I oversaw and maintained a Ruby based queue system for the company's "Panic Button" solution ensuring both uptime and availability. I developed features for an Electron based front end that allowed users to remotely manage wireless beacons. One such feature was the ability to remotely update the firmware of said beacons. I also helped maintain the company's AWS infrastructure.

Sinch
2020 – 2022 / Bothell, WA

Sinch powers meaningful conversations at scale across messaging, voice, and email to help businesses deliver personalized experiences.

Senior Software Programmer

I supported the creation of personalized SMS and RCS messages with a Ruby proxy service driving Adobe After Effects. I maintained a content management system written in an obscure Ruby framework and documented arcane processes within said system.

Ad Hoc
2022 – Now / Seattle, WA

Ad Hoc empowers organizations to deliver digital services that promote the general welfare.

Software Programmer III

I help maintain and ship new features for the Medicare.gov Plan Finder application.
This work includes owning portions of both plan and drug data ETL processes which
involves myriad scripts written in three different languages. I also provide support
for the authentication experience for Medicare and Medicaid beneficiaries. I assist in
maintaining Plan Finder's IaC using Terraform and write documentation for Plan Finder's
internal documentation website. I help support the company's internal recruiting tool
("People App") fulfilling feature development and maintenance requests. I've created CLI
tools for internal operations to make the jobs of both Software Engineers and Product
Managers easier. These CLI tools allow for connection to government VPN and allow
stakeholders to query databases securely, query the status of our systems in general, and
perform various cloud operations. I also preform code reviews and evaluate the "homework"
submissions of job candidates while assisting my peers in debugging issues with the
online evaluation environment.

Skills

Programming Languages	Go | Python | Ruby | JavaScript | Bash | Perl | Terraform | SQL
Cloud	Amazon Web Services | Google Cloud Platform
Software Development	Agile Methodology | DevOps Lifecycles
Software Tools	git | gRPC | JSON | XML | Protobufs | Docker | *nix

Education

School of the Art Institute of Chicago   *2006 – 2011*
  BFA with emphasis on writing

General Assembly (Atlanta)   *Spring 2015*
  code boot camp

Extra

- NixOS and OpenBSD enthusiast and user.
- Avid blogger and manual page reader.
- Open Source contributor. IPv6 advocate. Raspberry Pi tinkerer.