Ryan Casalino

Programmer/Software Engineer

(917) 282-7506 | ryan@boringtranquility.io
https://github.com/rjpcasalino | https://git.sr.ht/~rjpcasalino/ | https://lobste.rs/u/rjpcasalino

Summary

Self-taught programmer and skilled problem solver with proven ability.

Skills

- Proficient in a number of imperative, object-oriented, and functional programming languages: Go, Ruby, Python, JavaScript, Perl

- Familiar with C

- Acquainted with various libraries, frameworks, tools, and techniques: Ruby on Rails, Django, React, Vue, jQuery, NoSQL and relational databases (MySQL, PostgreSQL), and Redis.

- Working knowledge of numerous cloud providers: Amazon Web Services, Google Cloud, and Microsoft Azure.

- Operating systems: macOS, Linux, Unix (*BSD), Windows

- Extensive experience with all levels of the software stack, from low-level programming to front-end web development.

- Experienced with the various issues and pitfalls of maintaining legacy code and reducing technical debt.

- Passionate about following good principles of library/API design and clean code structure. A strong proponent of open source software. Unix historical society mailing list member.

Career History

- **Sinch Bothell, WA**
  Software Programmer: Dec 2020 - Current

  Work with Ruby, JavaScript, HTML and CSS mostly. Docker in heavy use. AWS tools in use include but are not limited to: S3, Route 53, ECS, EC2. Have worked on the Personalized Video Team as well as a Ruby written content management system.

- **Independent Programmer (i.e., Contractor) Seattle, WA**
  Software Programmer: Nov 2019 - Dec 2020

  Have assisted small vendors with deployment and maintenance of web applications built with HTML, CSS, and JavaScript. Write "glue" for third party API integration and have worked with a plethora of data sets and formats (JSON, XML, binary). Script with a wide variety of scripting languages such as Perl, Bash, and Python. Work with Go and Ruby on back end. I have a good understanding of TCP/UDP and applications based on those protocols. I believe in the Unix philosophy that a program should do one thing and one thing well.

- **React Mobile Seattle, WA**
  Software Engineer: Jan 2019 - Nov 2019

  - Provided bug fixes and new development for safety platform application.

  - Developed location search functionality for platform: JavaScript (Electron & jQuery) frontend, Ruby on Rails backend. Provided Operation Managers with admin portal written with Rails and React.

  - Developed *Microsoft Outlook* email integration with the CMS platform using *OpenID* and *Azure*

  - Primary developer supporting an external *Ruby on Rails* application.

- **GawkBox Seattle, WA**
  Software Engineer: Aug 2017 - Jan 2019

  - Shipped entire front end Single Page Application with *Vue* and backend RESTful API written in Go.

  - Created docker containers for back end and front end applications and

assisted in deployments using Kubernetes.

- Wrote extensive documentation for both external and internal tools and applications.

- **Merchant-e Solutions Atlanta, GA**
Software Engineer: Jan 2017 - Aug 2017

  - Created Node based web API to interact with an Oracle back-end system that managed business transactions.

  - Mentored and assisted developers writing an Angular front-end for internal data visualization web app.

- **Liaison Technologies Atlanta, GA**
Web Developer: Nov 2016 - Jan 2017

  - Aided in creation of data visualization web apps for HIPAA and PCI centered data

  - Worked with a team based in Finland in an Agile setting.

Education

- **School of the Art Institute of Chicago**
BFA: September 2006 - December 2011