Employment History

Shift72.com
Feb 2013 - April 2015

Job Title	Senior Web Developer
App/Stack Features	Shift72.com is a Video On Demand (VoD) platform that allows content creators, film festivals and independent filmmakers the ability to create their own version of Netflix in order to sell and deliver content directly to customers via their own white label site. It was architected with a Service Orientated Architecture (SOA) in mind. This lead to us a developing a number of microservices in Ruby using the Sinatra framework in order to develop the APIs required to power the: - Client Customer facing apps (AngularJS, iOS and Android) - Client facing admin apps (AngularJS) In addition to these pieces, the app also featured a Rails app that acted as an 'Uber Admin' that allowed the internal staff and Shift72 to administer the admin tasks required to service clients. A simple messaging bus was used in order to communicate required messages between the services.
Main Duties	Building, testing, fixing code as a full stack developer, across multiple Sinatra, Rails and AngularJS apps, both client facing and for administration purposes. My day to day in this role was working in a SCRUM based environment, handling stories that would range from: - Creating AngularJS modules that talked to both an 'Uber Admin' Rails app, and accompanying Sinatra APIs in order to provide clients with an admin dashboard to gain insight into how their customers are viewing their content, what their sales are etc. - Writing the Sinatra Shopping Service API from scratch in a Test Driven Development (TDD) approach to plugin to Stripe, and to use the messaging bus to notify other services that a successful transaction had been made. - Writing a comprehensive Geolocation Service API that allowed the AngularJS Client Customer app to determine where a user was, in order to show and restrict them from relevant content for their location.
Languages,	Ruby, Rails, Sinatra, Javascript, SQL, PostgresSQL, RabbitMQ, Redis,

Frameworks and Tech	Sidekiq, Amazon Web Services, Rspec, Jasmine

Ecpam Ptd Lty
May 2015 - Present

Job Title	Technical Lead
App/Stack Features	Ecpam is a private fund manager that invests their own funds together with those of institutional and sophisticated clients in profitable, high quality, Australian Listed (or dual listed) growth companies. They are a long term, long only, high conviction growth equities manager that looks to achieve above benchmark returns over a three year investment horizon. There are two main Rails apps that power their back office systems. The main app allows the fund manager and analysts to upload their company estimates via an API from excel spreadsheets. From there the fund manager is then able to construct model portfolios of companies depending on risk profiles and research. Every day the app then runs jobs to determine what percentage of capital should be allocated to each equity and uploads this data to a third party service for action. In addition to this core functionality there are also roughly 15-20 back office tasks that have been automated by this application. In addition to the two apps and ruby gem, the app also utilizes what is known as ChatOps via a Hubot integration into Slack.com. This allows user within Ecpam to use Slack to tail logs, deploy code and generally check on the health of the system as required.
Main Duties	Building, testing, fixing code as Rails developer across two applications and one private Ruby gem for the back office activities for Ecpam. In addition to this I also carry out the DevOps role of provisioning and maintaining the servers that the apps run on, monitoring success/errors on daily background jobs via a dedicated Slack channel and check that nightly database backups to AWS S3 have successfully run.
Languages, Frameworks	Ruby, Rails, Javascript, SQL, PostgresSQL, Redis, Sidekiq, Rspec, Digital Ocean

and Tech	

Frootbat.com
May 2015 - Present

Job Title	Technical Lead
App/Stack Features	Frootbat.com is an alcohol price comparison website that covers over 400 individual websites in the US. It's aim is to enable users to find the cheapest products that will deliver to them, and either sell direct to them through partner merchants via the site or send them off to the 3rd party merchant to make their purchase. The core of the backend code has been written as a Rails Engine. The reasoning behind this is that the code needs to service several sites and an engine provided the cleanest, most decoupled way to do this.
Main Duties	Initially was building, testing, fixing code as Rails developer across one Rails engine and two Rails apps. That has now evolved into a less hands on and more technical leadership role, liaising with the product owner as well as the third party development team that has been engaged to continue the work.
Languages, Frameworks and Tech	Ruby, Rails, Javascript, SQL, PostgresSQL, Redis, Sidekiq, Amazon Web Services (RDS), Heroku, ElasticSearch (Cloud), Rspec, GraphQL, ReactJS

Education & Personal Details

Bachelor Commerce – Curtin University, Bentley, WA
High School – Newman College, Churchlands, WA

Nationality: Australian
References: On request
Example source code: On request

Current Learning Interests

Machine/Deep Learning (Recently completed part one of the fast.ai course)
Data Visualisation/Understanding