Nicholas Hemsley

Computer Scientist, Data Scientist

Skillset

Ruby

eBPF, Kubernetes, Docker, Javascript, Google API

Postgres

cPanel, Linux Administration, PHP

Ruby On Rails, PostGIS, Mysql

Email, DNS, Stripe, Jquery, C#, ASP.net, Amazon S3, Amazon, HTML, Ember JS, Timeseries Data, Ethereum, Bitcoin, Google Drive, Geolocation, Google Places, Devops, Lando, Vue JS, Laravel

Experience

Itomic Web Design & App Development
01 August 2019

I am currently consulting for Itomic. My main roles are:

- Maintaining a Vuejs & Laravel web app.
- Giving technical advice on a Flutter IOs & Android App, and Laravel API backend. (API design, code quality, performance).
- Finding timely and cost-effective solutions to the various problems associated with running a web consultation firm.

Freo Guitar Tuition
01 February 2018

I worked with Freo Guitar Tuition to augment their customer invoice tracking system which utilises airtable. Send out emails to clients when invoices are due. I am currently working on a booking system for Fremantle Guitar, which integrates with their unique needs (parents, children, term based subscriptions). This also involves Google drive intergration for video uploads.

Cryptocurrency Exchange Arbitrage
01 January 2018 - 01 June 2018

I worked with stakeholders to analyze opportunities presented by exchange rate differences between online cryptocurrency exchanges. Finding round-trip percentage gains by buying and selling on various exchanges.

ABC Wall Removers
01 January 2016 - 01 April 2016

I developed a quoting website for ABC Wall Removers to create estimates for jobs. This was generally accessed via an web app & on IPad. Once the estimate was created, the client could then send the estimate details across to his invoice2go invoicing app, which takes care of generating a PDF invoice for clients. This was developed using emberjs, a rails backend which served json, and the bootstrap framework for the design.

Integrated Natural Systems
01 August 2015

I delivered a website for Integrated Natural Systems. This is a static website hosted on amazon s3. The client wanted a clean, minimal look for their website to complement with the images & gallery featuring photos of nature.

Phone Control Australia
01 February 2007 - 01 June 2009

Web Programming — ASP.NET, C#, SQL Database. I worked on an Single page web app utilizing javascript charts for reporting on phone system usage in organisations. This was before SPA apps were a thing. Internet Explorer, memory leaks, css hacks. Interesting project, I learnt alot about javascript and its dynamic nature (wrt. functions & binding) through this project.

House Of Snowball
01 February 2006 - 01 June 2006

I developed an ecommerce shop for houseofsnowball.com. This was created using rails, and integrated with Stripe for the payment processing. Created using haml, sass & javascript. It is a fairly traditional Rails application.

Itomic Web Design & App Development
01 January 2003 - 01 June 2005

I worked as a full stack web developer with Itomic. Mostly with their in-house CMS. Many and varied roles as came up running a hosting serice. Generally I implemented bespoke solutions for clients using PHP & Mysql as the back end.

Referees

Ben Bowden
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