

# Nicholas Hemsley

Computer Scientist, Data Scientist

## Skillset

### Ruby

cPanel, Linux Admin, PHP

Postgres, Ruby On Rails,  
Mysql

Javascript, Google API

Email, DNS, Stripe, C#, ASP.net, 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

Vue, Laravel, API Development and Devops at [Itomic](#)

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 was utilising 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 a client 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. Please note, this website has been taken  
down as the client is working in a position that creates a conflict of  
interest. However I can provide a link to the website upon request.

### 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. I took a break from  
IT & programming after this job...

### House Of Snowball

01 February 2006 - 01 June 2006

I developed an ecommerce shop for houseofsnoball.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 service