

# Nicholas Hemsley

Computer Scientist, Data Scientist

Ruby, Postgres, Ruby On Rails, Javascript, Linux Admin, Mysql, Google API, PHP, cPanel, Email, DNS, Stripe, C#, ASP.net, HTML, Ember JS, Timeseries Data, Ethereum, Bitcoin, Google Drive, Geolocation, Google Places, Devops, Lando, Vue JS, Laravel

## 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 August 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 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 service

