

# Matthew Lawson

## Senior Developer

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### Matthew Lawson

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### Skills

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Multi disciplined passionate full stack senior software developer with skills in **Java, Spring, Node.js, HTML5, CSS, AWS, MySQL and PHP.**

Based in Newcastle-Upon-Tyne with ability to relocate.

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### Experience

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#### Palringo / Senior Developer

NOVEMBER 2010 - PRESENT, NEWCASTLE-UPON-TYNE

Palringo, a mobile application company with over 50 million subscribers. Spending six years at Palringo I have spent time working in many different software development disciplines and made an impact in many areas of the business – including:

- Building core API's with both **Glassfish (EE)** and **Spring (Java)** running in **Tomcat** application server
- Developing **OAuth2 SSO** system for authentication using **PassportJS**
- Protocol design and implementation in **Node.js** with **socket.io** and **express (Express.js)**
- Payment processing (over 1 million dollars per month)
  - Implementing 3rd party payment API's
  - Distributing virtual goods to users after payment
- Built several highly grossing chat bots (**python**)
- Built and led the front end architecture of a new web based client. Built with **Polymer (web components)** and **ES6 javascript**.
  - Also built a prototype using **AngularJS** before moving to **Polymer**
- In chat game development (**HTML / CSS / Javascript / Python**)
- R&D projects to test feasibility of new products
- On the out of hours on call rota maintaining the infrastructure out of hours reacting to automatic alarms or support staff alerts, This involves a high level of **linux system administration** skills

Most recently I had worked on the newest generation of the instant messaging protocol moving to a **Node.js** and **websocket** based system, which acts as a highly scalable real-time interface to the **Java** APIs. Alongside this backend work I also worked on a new greenfield web client project, this acts as a testing ground for the new protocol that can be rapidly developed and also functions as a fully supported desktop client.

All projects are managed using agile methodologies, I have been involved as both a scrum master and developer.

## Freelance / Web Developer

MARCH 2010 - PRESENT, NEWCASTLE-UPON-TYNE

I regularly take on freelance work as a way to expand and keep my front end web development skills current. I have worked as a subcontractor for agencies developing websites for companies including Volkswagen, Lee Kum Kee and Mango bikes.

## The B Group / Web Developer

JUNE 2009 - NOVEMBER 2010, NEWCASTLE-UPON-TYNE

B group was a fast paced digital agency. I was regularly involved in planning and building of many websites as well as maintaining existing projects and liaising with clients. **PHP, HTML, CSS, Javascript, linux system administration** were the main skills I developed at B group.

## Accenture/ Java Developer

JULY 2007 - AUGUST 2008, NEWCASTLE-UPON-TYNE

I worked on the browser build team developing the Pay As You Earn browser for HMRC. This involved writing Technical Designs and developing the accompanying code. The technologies I used during my time at Accenture were **Java** (predominantly), **XSL, Javascript, XML, WebLogic, Spring, Java Webservices** and **Unix**

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## Education

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## Northumbria University / Computer Science BSc / First Class Honours

SEPTEMBER 2005 - JULY 2009

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## Side Projects & Open Source activity

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Software Development is a passion and hobby of mine as well as my choice of employment. This is a selection of projects I worked on in my spare time.

### Mini Stand alone projects

UBER CHROME EXTENSION

<http://uberhackathon.devpost.com/submissions/37517-get-me-out-of-here-chrome-extension>

ANIMATED SELFIE MAKER FOR OSX

<http://devpost.com/software/animated-selfie-maker-for-os-x>

### Wordpress Plugins

I released 2 eCommerce plugins with over 35k combined downloads.

<https://wordpress.org/plugins/search-by-sku-for-woocommerce/>

<https://wordpress.org/plugins/search-by-product-tags-for-woocommerce>

### GitHub

<https://github.com/matthewlawson>

### Personal Site

<http://www.mattyl.co.uk>

