

# mattrayner

full-stack polyglot engineer in london



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## About Me

I'm Matt Rayner, a talented and dedicated full stack, polyglot engineer. I'm looking for a challenging environment to test and improve my skills. I love learning new things and am an early adopter of bleeding edge technologies. Outside of work I'm involved in volunteering and a number of side projects. Everything from training students in multimedia and design skills, through to GiveCat - a bookmarklet that replaces all the images on a website with pictures of cats (what more could you want, right?).

I'm a massive geek at heart, anything that goes 'bleep bloop', I'm all over it. In the past, I've acted as an IT Consultant for the Citizens Advice Bureau, Head of IT for a community radio station, and Tech Lead for multiple digital agencies. I've got a passion for products that make people's lives easier; whether they take the stress out of a task or are

accessible to everyone, that's my sort of thing.

In the past, I've been a graphic designer and a front end developer so I have extensive experience with both front end technologies and back end solutions (Wordpress CMS, MySQL, PHP, Ruby, Rails, Elixir, Pheonix, Responsive websites, Javascript, Node, CSS, iPhone, Android - all the usual suspects). I've also had exposure to accessibility and web standards, ensuring the code I write is semantic and cross browser tested.

At the age of 17 I wrote my first content management system in two weeks as part of a college project and my love of back end has grown from there. I'm interested in everything from speaking at events to new job opportunities - get in touch and we'll see what epicness ensues.



# Employment

## Digital Technical Lead EMEA

Subway 3<sup>rd</sup> Nov 2021 - Present

Working with regional delivery teams and external partners across EMEA, I am responsible for delivering digital products including mobile order, third party delivery (Deliveroo, Uber Eats, Just Eat, etc) and digital menu boards using event driven, serverless technologies on AWS.

## Technical Lead

Compare the Market 18<sup>th</sup> Feb 2019 - 2<sup>nd</sup> Nov 2021

Following the absorption of my previous role at BGL into Compare the Market (a subsidiary), I continued to focus on the delivery of open banking capabilities into the organisation with Elixir. My role also focused on IaC with Terraform.

## Technical Lead

BGL Group/Bean 18<sup>th</sup> Feb 2019 - Present

As Technical Lead at BGL Group, I primarily worked on bringing Open Banking capabilities to the organisation, including delivering multiple APIs written in combinations Ruby and Elixir, as well as an administration portal in Elm.

My responsibilities included designing and implementing the project's PCI compliant infrastructure in AWS with IaC via Terraform.

## Lead Backend Developer

Houses of Parliament 9<sup>th</sup> Jan 2017 - 15<sup>th</sup> Feb 2019

Working as Lead Backend Developer for the Parliamentary Digital Service, my focus was on the delivery of new data-driven websites and APIs for the Houses of Parliament.

Whilst working here I created a Node, Ruby and Go architecture deployed to AWS using a combination of Terraform and Go.CD that allowed Parliament to deliver a high performance, open and accessible experience for users across the world.

## Tech Lead

Design Portfolio 25<sup>th</sup> Jul 2016 - 6<sup>th</sup> Jan 2017

Working as Tech Lead for Design Portfolio was

# Certifications

## AWS Certified Developer - Associate

Amazon Web Services (AWS) Feb 2021

# Volunteering

## IT Co-ordinator

InQuire Media 10<sup>th</sup> May 2013 - 29<sup>th</sup> Aug 2014

In this role I stepped away from design and concentrated on server management and technical support for InQuire.

I basically kept the lights on and the network working so that the other volunteers and readers of InQuire received the best possible experience at all times. I continued to deliver regular training sessions on the philosophy of design for both print and online, with additional practical sessions covering InDesign and Photoshop.

## IT Co-ordinator / Head of Design

InQuire Media Sep 2011 - 9<sup>th</sup> May 2013

When I first joined the InQuire team they had no designer or anyone in charge of their out of date and inaccessible website.

During my time volunteering for InQuire I taught the newspaper and web editors basic design and layout theory as well as providing practical hands-on training for each of them.

I rebuilt their website, moving it from an outdated and inaccessible Drupal solution to a semi-responsive WordPress site, the base of which is still in use to this date.

## Head of IT

CSRfm 22<sup>nd</sup> Oct 2009 - Apr 2010

As head of IT I was expected to continue the work I had been doing as a tech team member, working on a new website and attending bi-weekly committee meetings. I was the first person in the history of CSR to be elected to a position unanimously.

an interesting challenge. I was appointed to help bring the digital team's internal work into the 21<sup>st</sup> century, introducing CI/CD, disaster recovery and High Availability setups for their clients.

## Digital Tech Lead

BD Network 1<sup>st</sup> Feb 2016 - 20<sup>th</sup> Jul 2016

Working as the Digital Tech Lead at BD, my role was a diverse and challenging one. I was involved with projects at every point from conception through to final delivery, managing a team of multi-skill, full stack developers, prioritising workload and training across a spread of different technologies including PHP, Node, Android, iOS and Unity.

## Full Stack Developer

BD Network 20<sup>th</sup> Apr 2015 - 29<sup>th</sup> Jan 2016

Working as interim Tech Lead for the digital team within BD, I was responsible for delivering a wide array of projects for their diverse client base. Everything from NFC powered promotions to augmented reality applications, single page websites to PHP and Ruby driven web apps.

I managed a team of developers, ensuring they are given the most appropriate and productive tasks. Alongside this I mentored a digital intern, balancing the business need against our responsibility to provide training and long term benefit during their time at the company.

## Ruby on Rails Developer

Springer Nature 20<sup>th</sup> Oct 2014 - 17<sup>th</sup> Apr 2015

As a Full Stack Ruby on Rails developer at Macmillan I was responsible for everything from Unix server administration and monitoring, to writing front end JavaScript and everything in-between.

Working on a RESTFUL API, I practiced Continuous Deployment as part of an Agile Scrum team and managed our servers and applications using a combination of Puppet, Jenkins and Webistrano. We tracked errors and performance using Nagios, Graphite and Airbrake, tying it all together with Dashing and Grafana for live monitoring across our server and application.

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## Tech Team Member

CSRfm

Jun 2009 - 21<sup>st</sup> Oct 2009

I was responsible for redesigning and redeveloping the CSR website using Joomla. This was my first forey into open source content management systems, having previously only worked with my own bespoke system.

This responsibility was given to me at the age of 17 before I had been accepted at the University of Kent as I had shown a lot of interest in CSR. I was solely responsible for both the look and functionality of the website.

## IT Consultant

Citizens Advice

Jun 2009 - Sep 2010

I was responsible for maintaining the Swale Citizens Advice Bureau's IT network across their three sites; Sittingbourne, Faversham and the Isle of Sheppey. I had to maintain their Active Directory and File Servers whilst also supporting their mostly elderly staff with their computing issues.

See skills, social profiles and more at:

[matt.rayner.io](http://matt.rayner.io)

# Education

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## Computer Science with a Year in Industry - BSc (Hons)

University of Kent      Sep 2009 - Jul 2013  
 Classification 2:1

## BTEC National - IT Practitioners

Mid-Kent College      Sep 2007 - Jul 2009  
 Grade      Distinction, Distinction, Merit  
 (A,A,B)

# Languages

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Over my years in development I've collected a number of different languages, I truly believe in always picking the best technology for any given project. I have a thirst for knowledge and self improvement, always trying to broaden my horizons with new languages and techniques.

## Great at:

Ruby  
 Elixir  
 Node  
 DevOps  
 AWS  
 Python  
 Terraform  
 \*NIX Bash  
 PostgreSQL  
 HTML  
 CSS  
 TypeScript  
 JavaScript  
 Java (Android)  
 Objective-C (iOS)  
 PHP

## Still learning:

Haskell  
 C++  
 C#  
 Go  
 Rust  
 Swift  
 VBScript  
 ASP.net  
 Redis  
 Alexa Skill Kit  
 React

# Applications I use

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Working hand in hand with my love of languages and belief in using the right tools for the job, I have had exposure to number of technical applications. Below is just a small example of my repertoire:

Photoshop	Illustrator
InDesign	Docker
GitHub	VS Code
RubyMine	Postman
SequelPro	Charles
Android Studio	Slack
Git	XCode

Thanks for reading, please don't hesitate to get in touch