

## Phil Reynolds

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<https://purpleriver.dev> | <https://vanspots.uk> | <https://developer.legaltech.wales>

[LinkedIn](#) | [GitHub](#)

Proven engineering leader with a passion for leading teams to deliver effectively and helping people achieve their goals. A breadth of experience in both software engineering and outdoor leadership has led to a clear understanding of the importance of clear and effective communication in all aspects of any role. Excited to explore and solve challenging problems, leveraging the skills and tools available to find and deliver the best possible solution. Always looking to develop personal skill sets and improve ways of working and with a keen attention to detail to identify areas for improvement and growth both personally and in their teams.

### Work Experience

#### Head of Engineering at Ryalto

May 2022 - Present

Led the re-architecture and rebuild of the Ryalto product, taking it from an ageing collection of micro services to a majestic monolith. The new version of the application scaled to 50000 users at 1/10 of the cost of the previous infrastructure.

Grew the team from 4 to 10 members.

#### Lead Software Developer at Legal Innovation Lab Wales

March 2020 - April 2022

Led the software development team as part of the Legal Innovation Lab Wales project, including:

- Recruitment, onboarding, development and management of team members,
- Creating, developing and evolving all the processes, tooling and infrastructure,
- Developing and delivering 9 different software projects in our first year,
- Building and managing the developer page (<https://developer.legaltech.wales>)

With full responsibility for software development on the project I implemented processes and methodologies that led to an extremely happy and productive team, delivering a wide range of projects which well exceeded all of our aims and targets.

As I was leading a small team, I had to be involved with every part of every project. Leading the full stack design and

development of each project, contributing to the development of many and reviewing code to ensure its quality. I was also responsible for stakeholder engagement, and helped on a broad range of other areas of the project outside of software.

Primarily used Ruby on Rails deployed via Heroku's PaaS using Cloudflare's CDN and DNS with GitHub for code repos and some CI/CD. Jira was used for task management and Notion for non-project related documentation. Jekyll was also used for our developer pages hosted on Netlify. These were chosen with the aim of ensuring the team's happiness and productivity.

#### Outdoor Guide at Savage Adventures

March 2019 - Present

Part time multi-discipline adventure guide including Gorge Walking and Coasteering. Created [marketing website](#).

#### Cloud Consultant at Mobilise Cloud

September 2018 - March 2020

Working as a DevOps Engineer specialising in AWS Cloud Architecture and a Full Stack Software Engineer.

Working with large enterprise clients to ensure the stability, efficiency and cost effectiveness of their cloud infrastructure.

#### Senior Customer Success Manager at Veeqo

May 2018 - August 2018

#### Developer Advocate at Veeqo

July 2017 - May 2018

Primary focus was to get more developers building more apps on the Veeqo APIs. Helped extensively in other areas of the business. Launched the Veeqo Marketplace with 12 apps. Acted as a partnerships manager and product manager for the Veeqo Marketplace and other products. Responsible for developing, managing and maintaining developer portal, the developer forum and the API documentation.

#### Brand Ambassador at Supersaturated

August 2015 - December 2016

#### College Rep for College of Science at Swansea University

September 2015 - August 2016

#### Community and Event Manager at TechHub Swansea

July 2015 - December 2015

#### Sales Negotiator at John Francis (Wales) LTD

July 2013 - October 2015

#### Director and Co-Founder at Decent Descent.co.uk

October 2011 - October 2013

#### Warranty Manager at Tredz.co.uk

July 2011 - March 2013

#### Various Bar and Hospitality Jobs

June 2006 - September 2010

### Skills Matrix

Leadership / Software Engineering / Verbal & Written Communication / Project & Product Management / Ruby / Rails / Git / Python / HTML / CSS / Jekyll / APIs / Javascript / AWS / Infrastructure / DevOps / Company Culture / Full Stack Development / Public Speaking / Coaching / Stakeholder & Partner Management / Marketing

## Education

### 2013-17 BSc Computer Science - First Class Honours

Swansea University

Final Year Project was building a digital climbing guidebook, using a PHP back-end using the Laravel framework. The front end interacts with the database using a RESTful API with AngularJS, Bootstrap and several other modern web technologies. The final product won the award for Best Project and was extensively used as an example by the department. It is not currently hosted but the code can be seen here on github (<https://github.com/phil-6/rockadvisor>).

### 2007-8 GCE A levels - Physics (C), Maths (C), Chemistry (D)

Old Swinford Hospital

## Qualifications

- AWS Certified Solutions Architect - Associate (Expired Nov 2021)
- Rescue 3 White Water Rescue Technician - Professional (WRT-PRO)
- British Canoeing Foundation Safety and Rescue Training (FSRT)
- Trail Cycle Leader (TCL) certified by MBLA recognised by AALS and British Cycling.
- Two-day Outdoor First Aid with First Aid at Work (FAW).
- Clean, UK driving Licence with D1 provisional.
- Gold Duke of Edinburgh award.

## Projects

Further Details on <https://purpleriver.dev/#projects> and <https://developer.legaltech.wales/#projects>

**Ryalto V4** > Rebuild of Ryalto from microservices to a majestic monolith. Scaled the new application to 50000 users.

**Ryalto Dev Page** > Jekyll static site.

**LILW Dev Page** > Jekyll static site to showcase projects, blogs and information for dev team and collaborators.

**Dragon-S** > Two Rails projects. One which provides an interface to a ML classifier which identifies grooming tactics in conversations,. the other is a bespoke online learning environment tailored to provide learning to safeguarding professionals about the tactics used in grooming and how to offer better protection and support to victims.

**Include Journey** > Full Stack Ruby on Rails app which facilitates prison leavers on their rehabilitation journey. Led the project through a co-design process with stakeholders and end users. Delivered functional prototype in 12 weeks which won the Ministry of Justice's Prison Leavers Innovation Challenge and £420k of funding for future development.

**Scenario Platform** > Full Stack Ruby on Rails application which allows admins to create non-linear branching scenarios where each answer a user selects influences a range of invisible parameters. Delivered the entire project, through problem discovery, research into existing solutions, design, development and deployment.

**Members.Mobilise.Digital** > Full Stack Rails application for managing a network of contractors. Designed and delivered full project..

**PurpleRiver.dev** > Jekyll site Hosted on Netlify

**VanSpots.uk** > First project built with Rails and runs at zero cost; leveraging the Heroku Platform as a Service (PAAS) for the infrastructure, CloudFlare for a CDN and DNS with other technologies including the GoogleMaps JavaScript API. Allows users to sign up, find, add and review spots that are good for camping in vans.

**Savage-Adventures.com** > Jekyll marketing website that runs on Netlify

**summoner.purpleriver.dev** > Serverless application that sends a text message from a website sharing the users location (with their explicit consent), leveraging Cloudflare workers and Twilio.

**RockAdvisor.uk** > Digital Rock Climbing guide book. Full stack project for University final project, back end built in PHP with the Laravel framework. Front end uses AngularJS 1.6.

## Positions of Responsibility

### 2019/21 Western Beacons Mountain Rescue Team, Team Member.

- Responding to call outs for people in need across the team's area of responsibility.
- Utilising diverse skills as an effective, efficient team member when locating, stabilising and extracting a casualty.

### 2015/16 Swansea University College of Science Student Rep.

- Responsible for representing students at university meetings.
- Communication between students and staff.

### 2015/16 Swansea University Canoe Club Anti-Faff Co-ordinator.

- Responsible for ensuring meetings, training and trips run as smoothly as possible.
- Helped manage, maintain and develop [www.succ.me](http://www.succ.me) website.

**2013/15 Swansea University Computer Science Student Rep.**

- Responsible for representing students at college meetings.
- Communication between students and staff.
- Implemented social media group for course to allow easier collaboration between students.

**2010/12 Swansea University Cycling Team (SUCT) Captain.**

- Established and managed SUCT race team, competing in all disciplines of mountain bike racing across the UK.
- Designed, implemented and managed [www.SUCT.co.uk](http://www.SUCT.co.uk) as well as the Facebook Group.
- Successfully organised club sponsorships from local and national organisations.

**Captain of College Hockey 1<sup>st</sup> Team.****House prefect and day student liaison at college.****Supervisor for Duke of Edinburgh's Award - Bronze and Silver Level.***Interests*

- Climbing, Cycling (mountain and road), trail running, and other outdoor adventures.
- Working towards a Private Pilots Licence, 50 hours flight time.
- Working towards Rock Climbing Instructor (RCI) and Mountain Leader (ML) qualifications. Estimated completion before July
- Reading novels, especially science fiction from authors such as Iain M Banks and Douglas Adams.
- Working with technology, and constantly striving to improve knowledge of computer systems.
- New technology and the way it impacts the world.

*References*

Mr Gary Drew

Group CTO

nGAGE Talent

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Mr Ben Riseborough

Project Manager

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