

Hugh Wells

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The Old Milking Parlour, Peterborough, UK, PE8 5DY

Employment:

Monzo

- Customer Operations: November 2017 - May 2018
- Second Line technical & payments, May 2018 - September 2018
 - Internal tooling in React & backend with Go
 - Traced bugs, patched code and added new features to our codebase
- Mastercard Fraud & Dispute Specialist, September 2018 - May 2020
 - Weekend disputes Expert
 - Mastercard Arbitration, Compliance and technical Case Filings

Underland

- Software Engineering Intern: Summer 2019
 - Python Severless integrating with RDS, S3, Cognito and externally with Adyen and Twilio
 - Carried out user research, designed and architected solutions and worked on a number of backend components such as payments, SMS and core systems

Ministry of Justice - Judicial Appointments Commission

- Junior Developer: June 2020 - August 2020
 - Working on improving DevOps
 - Planning CI/CD pipeline replacement
 - Exploring options for a Firebase migration
 - Delivering code to support business use of the application
 - Led requirements analysis, design and implementation of Qualifying Tests project
 - Carried out operational security review and worked to plan and implement required changes as part of ongoing penetration testing and Internal Audit reporting

London Borough of Hackney

- Senior Developer: September 2020
 - Working on API platform to deliver standardised endpoints integrating with a number of legacy backing services
 - Migrating legacy databases to Postgres on RDS
 - As part of cybersecurity incident response, provisioning GSuite as IDP in AWS SSO and providing federated login to downstream critical business applications

Education:

iGCSEs/GCSEs: Maths, Physics, Chemistry, Biology, Geography, History, Computer Science English, French, Religious Studies

A Levels: Computer Science, Electronics *AS Levels:* Maths *Pre-U:* Physics

Degree: Computer Science BSc Hons. First Class - Royal Holloway, University of London

Other Qualifications:

I hold an EASA Private Pilots Licence with Restricted Instrument Rating, Night Rating and Class 2 Medical.

Certificate in Retail Banking: Conduct of Business (CertRBCB, LIBF)

Mastercard Academy: Chargeback and Dispute Resolution workshop

Technical Experience

- JavaScript: React, Vue, NodeJS
- Java/C#
- Python (Flask)
- PHP (LAMP/LEMP)
- Bash/Shell scripting
- Maintain personal Proxmox datacenter nodes (Debian/Ubuntu experience)
- UniFi/Ubiquiti networking
- Full CI/CD pipelines with GitHub, CircleCI, DeployBot, Heroku, Digital Ocean and AWS
- EC2/Droplet configuration and high level of exposure to Linux
- Experience in both AWS and GCP for serverless deployment, and other applications

Freelance Clients:

CodeGroovers

RHUL CompSci Student Developers - contractor

Madcast Media Network (madcastmedia.com/account)

JOQ/Social Billboard

Lead Backend Developer: full CMS, ordering system, payment integration (Braintree) and API

JOQ/Channel 5 The Gadget Show & Fifth Gear (fifthgear.tv)

Contractor for API endpoints and CMS integration

Goodyear (goodyear.com)

Research and Development

Rebel Uncut (rebeluncut.co.uk)

Developer working on multiple projects, both in house and for corporate clients

Rewired State (rewiredstate.org)

In house developer

Hackathons:

Cisco University Challenge 2017 ([1st place](#))

Hack The Midlands 2.0 ([Nexmo Sponsor Challenge](#), [Majestic Sponsor Challenge](#), Hacker Spirit Award)

Hack The Holidays 2.0 ([GitHub Sponsor Challenge](#))

BrumHack 5.0 - ([CapitalOne Sponsor Challenge](#))

UKGovHack

Accountability Hack ([Winner](#))

Hack The Holidays 1.0 (Hacker Spirit Award)

RLSB Hack ([1st place](#))

YRS 2015

YRS2014

YRS2013 (Semi-Finalist)

Organiser: [RoyalHackaway](#) (Lead), [UKGovcamp](#), [HackTheMidlands](#), [RebelMakersCamp 2016](#)

GitHub Campus Expert: githubcampus.expert/crablab

References:

Kevin Lewis (Manager - RebelUncut/Underland) - kevin@underland.dev

Roman Sanders (Manager - Monzo) - romansanders@monzo.com

Sharon Foster-King (Head of Operations and Digital) - sharon.foster-king@judicialappointments.gov.uk