

Employment

Software Developer

The Fresh

February 2020 - Present

Leadflo - PHP, PostgreSQL (on RDS), Terraform, ECS, React, Redux, Styled Components, CircleCI, Grafana, Docker

- Designed and led a project to develop a marketing automation feature that reduced platform running costs by half and increased product sign-up conversion rate, while releasing the feature under budget and ahead of schedule
- Migrated system from a legacy dedicated server to AWS cloud infrastructure (ECS and RDS) and CI/CD with zero downtime, increasing deployments per day by 20x
- Re-architected and reimplemented core app systems increasing performance by 60x and improving fault tolerance
- Dramatically improved user security by implementing a multi-tenancy system

IAS Academy (iasortho.com) - Typescript, MongoDB, CircleCI, Docker, EC2, Ansible

- Redesigned and reimplemented new billing system, reducing lost payments and creating new monetisation avenues

General

- Built a monitoring system that reduced company-wide app and website downtime by an unknown, but large, amount

Founder / Developer

Chargio

September 2019 - April 2020

- Designed, developed, deployed, marketed, and sold a platform to help pay-per-lead marketing agencies accurately and efficiently bill their clients each month
- Provided 100% uptime since launch by building a high availability architecture

Freelance Web Developer

Freelance

December 2018 - February 2020

- Designed and developed PPC landing pages giving clients at least a 3x ROI
- Designed and developed WordPress marketing websites focused on SEO, performance, and conversion

Emergency Medical Technician

North West Ambulance Service

August 2016 - December 2018

- Dealt with medical emergencies onboard an NHS emergency ambulance
- Worked alongside partner agencies such as the police, fire service, social services, and other NHS trusts

Special Police Constable

Greater Manchester Police

July 2016 - August 2018

- Worked alongside regular and special police constables to protect the public and their property, and prevent crime

Education

- Aquinas College (September 2013 - March 2015):** A-Level Chemistry & Biology, AS-Level Maths, Biology, Chemistry
- Hulme Hall Grammar School (September 2008 - June 2013):** Statistics, Science, Additional Science GCSE (A*)
Maths x2, English Literature, Geography, Psychology GCSE (A)
English Language, Product Design GCSE (B)
- National Extension College (January 2019 - March 2020):** A-Level Maths

Projects

- Monzo-YNAB:** Integrates my bank account with a budgeting app I use (<https://github.com/GabrielCarpr/monzo-ynab>)
- CQRS:** Application framework, command, query, and event message bus, and a boilerplate project generator in Go (<https://github.com/GabrielCarpr/cqrs>)

Languages, Technologies & Skills

Go, PHP, SQL (MySQL & PostgreSQL), (S)CSS, Typescript/Javascript/Node, HTML, Python, Docker, Terraform, Ansible, React, Styled Components, Laravel,DDD, CQRS, GitlabCI, CircleCI, TDD, REST, AWS, ECS, Prometheus, Ansible, Alertmanager, AWS, Grafana, Kubernetes, Redis, Nginx, Apache, Rust (just a bit)