

Employment

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| Software Developer | The Fresh | February 2020 - Present |
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- Leadflo** - PHP, PostgreSQL (on RDS), Terraform, ECS, React, Redux, Styled Components, CircleCI, Prometheus, 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 (Dental provider training and support platform)** - 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
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| Founder / Developer | Chargio | Jul 2019 - May 2020 |
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- 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
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| Freelance Web Developer | Freelance | June 2018 - February 2020 |
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- 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
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| Emergency Medical Technician | North West Ambulance Service | August 2016 - December 2018 |
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- 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
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| Special Police Constable | Greater Manchester Police | July 2016 - August 2018 |
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- 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 (hobby level, love to use it more), Redis, Nginx, Apache, Rust (super hobby level)