

William Henry Gough.

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Profile

I'm a passionate, motivated, and hardworking engineer who is looking for the next challenge in my career and who is committed to continual learning and improvement. Outside of work I enjoy traveling, being outdoors, reading Harry Potter, drinking coffee, spending time with my partner, and all things doggos 🐕.

Education

Manchester Metropolitan University (Sept 2012 - July 2016) - BSc Computer Science, First Class Honours

Experience

Remote Software Engineer // Utility Warehouse, June 2019 – Present.

Languages and tools:

- Go, Engineering Management, Kubernetes, GRPC, Kafka, Docker, AWS, Grafana, Prometheus, ElasticSearch, Kibana, GitHub, React, Node, GraphQL, Rust, WASM, Event-Sourced Architecture

Projects and responsibilities:

- Designed & built multiple platform APIs to unlock business value in other teams
- Brought multiple new processes to the team including a Go Working Group, reviving a new Retrospective process, and running our daily stand ups and any team discussions/meetings.
- Helped bring crucial parts out of our legacy monolith system into modern Go event-sourced microservices.
- Architected and implemented real time updates integration in a legacy system.

Software Engineer // Bet365, June 2018 - June 2019.

Languages and tools:

- Go, Bash, Gitlab CI, Management, Mentoring

Projects and responsibilities:

- Worked as part of the Sports team to migrate ~20 microservices from .Net to Go.
- Two biggest projects included the Push Notifications API, which receives ~3m requests a day, and Exclusions API, which receives ~23m requests a day.
- Rewrote microservice boilerplate to follow Go best practices.
- Created a Go microservice to geolocate consumers as part of federal requirements in their USA expansion.
- Worked with a colleague to build a new deployment process for hot-releasing all the Go microservices.
- Wrote the Bootcamp Book to enable all new starters to learn the internal systems, processes, and Go.
- Mentored and led 3 graduate developers.

Software Engineer // LADBible Group, February 2018 – June 2018.

Languages and tools:

- Node, TypeScript, React, GraphQL, Laravel (PHP), ElasticSearch, and AWS

Projects and responsibilities:

- Production code release on day 1 of employment.
- Architected a migration solution for the content team which allowed for a transition from one media platform to another, migrating a total of 25,000 articles.
- Responsible for transitioning the existing TypeScript 'LAD' application API from Algolia to ElasticSearch.

Developer // Ampersand Commerce, October 2015 – February 2018.

Languages and tools:

- React, ES6, Node tooling, Magento, PHP, Angular, TypeScript, SASS & HTML

Projects and responsibilities:

- Constructed and worked to architect the front-end application in Angular with one other developer.
- Worked on Magento projects for Harvey's Furniture and Bensons for Beds.
- Gave an internal tech talk (DevX) business wide entitled *Learning React & Redux*.
- Core member of the React team, architecting and implementing a core React application within the company's biggest project, which involved mentoring a senior developer with no prior React experience.