

Gregory Furnell

📍 London, England, United Kingdom ✉ gfulnell20@googlemail.com ☎ 07798721299 📱 in/gregory-furnell-258688145/ 🌐 http://gregoryfurnell.co.uk

SUMMARY

I'm a technology enthusiast; I enjoy using and learning different technologies. My objective in my career is to expand my knowledge and if possible, I would also like to develop an application which will enhance people's lives.

EXPERIENCE

Software Engineer Vanguard

March 2020 – Present, London

- As part of the PM Tool developer team, I actively support and improve the stability of the application.
- Contributing to the refactor effect by working with the platform team on developing applications in NodeJS AWS lambda / AWS AppSync.
- Working on the funds of funds project, which involves moving the business off of spreadsheets and onto a web application, written in VueJS (TS) with a python/java backend.

Graduate Software Engineer Daiwa Capital Markets Europe

September 2018 – March 2020, London

- I built and upgraded various Front Office applications such as STP flows and market/reference data components, written in java using Spring Boot and Google Guice.
- Developed a new Support Tool, as an ongoing project I modernised the old support tool and converting it into micro-services on the backend and a web front end using angular 7/8.
- Initial investigation into building an in-house CRM system, designing the prototype and building the full version with a backend REST API with MongoDB.
- Developed custom components for ION, including projects such as the Anvil upgrade which involved upgrading 5/6 components to use the new queue technology, I also updated reference data feeds, and STP flows inside of ION.

Freelance Software Developer – (Motion Ltd/Coaching 4 All Tennis) Self Employed

June 2016 – June 2018, London, UK

- Motion Ltd – Helped build up a network of current clients and potential clients. Successfully designed and built 5+ new websites for clients.
 - Coaching 4 All Tennis – Designed and developed a new website, featuring all requirements that the customer wanted. I also increased number of users visiting the website, which led to an increase in new customers.
-

PROJECTS

Garage Guide

Southampton University • May 2018

- For my Dissertation project, I build a web application which would allow customers of garages to book appointments for their cars. I also built an algorithm to automatically assign the jobs to a mechanic with sufficient skills.
- Another part of the application CMS, where the garage would be able to view things like scheduling, producing invoices, and any previous jobs.

Home App

Personal • January 2020

- Handy admin tool for my home and any others who face similar struggles finding a good app.
 - Built in react and typescript, with an express api server and a mongoDB. Deployed with a CI/CD pipeline using heroku and netlify.
-

EDUCATION

1st in BSC INFORMATION TECHNOLOGY IN ORGANISATIONS

University of Southampton • Southampton, United Kingdom • 2018

CERTIFICATIONS

CFA Institute Investment Foundations

CFA • 2022

It covers the essentials of finance, ethics, and investment roles, providing a clear understanding of the global investment industry.

Level 3 Certificate in Investment Operations

CISI • 2020

An overview of the financial services profession and its regulation.

SKILLS

Programming Languages / Databases: Java, Python, JavaScript, PHP, HTML, CSS, SQL, MySQL.

Frameworks: Vue, Angular, React, Spring, Flask, SQLAlchemy, Graphene