


# Gavin Roderick

## Software Engineer

 Leith, Edinburgh

*Progress driven Software Engineer with a wide variety of experience across multiple industries, teams & technology stacks.*

*Committed to working collaboratively, embracing human connections & lifelong learning.*

### WORK EXPERIENCE

#### D.One @ ClearScore Group

Backend Engineer

Edinburgh | **Sept 2023 - current**

- **Backend Engineer** in the Open Banking services team. Providing all **Open Banking** data for Data One & the rest of the Clear Score Group
- Designed, built, and maintained a system of **.NET 8** micro services handling refreshing of 700k+ accounts daily & 6 million users
- Designed, built & monitored **AWS** infrastructure required for the above system, using **Terraform & DataDog**
- Led migration of **9.3 billion** legacy transaction records from existing data store to Apache Kafka streaming platform
- Collaborated with the internal stakeholders to ensure the above migration was on-track & fit for purpose for impacted teams
- Participated in the on-call rota as the directly responsible individual for production monitoring & response

#### AND Digital

Product Developer

Edinburgh | Aug 2022 - current

- Product Developer for Edinburgh based Club Grace
- Consulted as a full-stack developer - working with **React, Typescript, & Azure**
- Acquired my **PSM I** certification in order to help guide our clients & colleagues in **Agile** ways of working
- Career coach to a Junior Engineer, helping them grow & develop

#### Intelligent Growth Solutions (IGS Ltd.)

Software Engineer (Mar 2021 - Jun 2022)

Junior Software (Feb 2020 - Mar 2021)

Edinburgh | Feb 2020 - May 2022

- Built reliable, scalable software to power the "brains" of a vertical farm.
- Designed and built RESTful APIs and other worker services within a microservices framework
- Built and worked on internal tooling - hardware simulators, realistic data generation tools, customer support tools
- On-Call Engineer duties - worked with Customer Support and users to identify, diagnose and fix urgent issues in production environments

## WORK EXPERIENCE (continued)

### The Vic - G1 Group

Bar Supervisor

St Andrews, Scotland | Jun 2019 - Sep 2019

- Reported to General Manager - held responsibility as manager for the venue during shift
- Handled all opening/closing venue admin, including banking (~£3k- £12k)/night), kitchen food safety checks, alarm systems, stock management etc...
- Liaising with security staff, DJs, performers and other venue managers to ensure events run safely and efficiently
- Oversaw BAU venue operations, as line-manager for front & back of house staff.
- Held hiring interviews in absence of GM.

## THE "GOOD FOR YOUR CV" SECTION

### Volunteer Responder - REACT Disaster Response

[re-act.org.uk/](https://re-act.org.uk/)

I've volunteered up as a responder for Operations run in the UK on a few occasions. Initially in the early stages of COVID to help transport PPE from the north of Scotland to the south of England.. Secondly during the Commonwealth Games in Birmingham, where a 3rd party security firm failed to provide enough staff, REACT responded by standing up a group of 500 volunteers to take their place

### CodeClan Industry Speaker

IGS is a CodeClan partner, and we were invited to give an industry talk to the students as part of a weekly series. I volunteered and gave a talk on wellbeing - specifically how we do it at IGS, and how the students can have a positive impact when they join the industry themselves as Juniors.

### IGS COP26 Tour Guide

[intelligentgrowtholutions.com/cop26](https://intelligentgrowtholutions.com/cop26)

During the COP26 Summit in Glasgow, IGS built a temporary vertical farm in the centre of Glasgow. I volunteered to provide tours of the facility to members of the public and VIPs.

We welcomed over 2,200 visitors (including 14 school groups and 25 US/UK politicians) across the two weeks, showing how vertical farming can make a difference in the fight against climate change.

### Dundee University Blood & Organ Donation Society

Founded and ran a society at Uni to promote more students signing the organ donor register and donating blood. In the UK, the blood donor pool is increasingly made up of people over the age of 40, so it's vital that we raise awareness and encourage more young donors.

Check [blood.co.uk](https://blood.co.uk) to see if you're eligible (if you're comfortable of course!)