Bio

A 4th year Computing student and University of Dundee and a full stack developer with a strong points in Angular for the frontend and Nodejs for the backend; but also a lot of experience in other technologies and an eagerness to learn more.

Main tech related interests are mostly in backend development, dev-ops, general programming/scripting, security and generally keeping up with tech news, specifically in the security, Open-Source and hardware sectors.

Experience

Backend

- Main strong point with **Nodejs** with express framework and **Java** - Spring/boot
- Advanced experience with **Docker** deployments and building Docker images
- Experience with **MySQL/MariaDB**, **PostgreSQL**, **MongoDB** databases
- Experience with **Kafka** messaging event service
- Moderate experience in **C/C++**, **C#**, **PHP**

Frontend

- Great understanding of the **JavaScript** and the javascript DOM object
- **Angular** and **TypeScript** development for the general web and on the **Ionic/Cordova** platform

Other Tech Skills

- **Agile:** experience with managing and collaborating within projects from university modules and within internships.
- **Git:** extensive experience with Git for code versioning and collaboration.
- Extensive experience with **Linux** environments
  - Server administration
  - Setting up nice environments
  - Picked up skills such as containerisation with **Docker** and LXC/LXD
  - Experience with virtualisation
- Experience setting up **CI/CD** systems using **GitHuib Actions and Workflows**
- Moderate to advanced experience with **Bash** scripting
- Experienced in OpenGl with **C++** from university module

Work Experience

- **Software Engineer at NCR:**
  - **Part time employment (2019-2020):** continuation of 2nd internship.
  - **2nd summer of 2020 internship:** second summer in a row Taking part of an Agile team and committing production code for an Angular frontend and Java Spring backend.
  - **1st summer of 2019 internship:** 11 week long internship in the summer of 2019. I worked with some internal Tomcat APIs in order to make a cross-platform mobile application with Angular on top of Ionic while we were tying to implement Keycloak (external OAuth2 system) authentication between the app and the Tomcat API servers all on docker containers.
- **Tutoring:** For a semester, about 5-6 hours a week I was helping teachers with tutoring 1st year computing students in University.
- **Kicktek Ltd:** 2016 summer job working as an IT assistant and working on their e-commerce installation, learning how it works, suggesting fixes, improvements, etc.
- **Civica UK Ltd:** 1 week of work experience, lightly shadowing their software development routine, testing, updating, deployment and maintenance.
- **Redbridge College:** Year long work experience (1 day a week) took a position in the IT network and service team. Had responsibilities such as responding to help desk requests, testing equipment, repairs and others.

University (Curricular)

- Practice Agile with a real world mock customer from a company.
- Software development basics and data structures with languages such Java,C/C++, C# etc.
- Object oriented design philosophies.
- Database design

University (Extra-curricular)

- Ex-president and founder of Dundee University Rock and Metal Society
- Several years of class representative experience in University and college.
- 1 year of representing the School of Computing in the Vice President position.

Other Experiences/Achievements

- Participated in UKRock (national model rocketry competition) and ended up representing UK in the international competition.
- Holiday work with agencies at places such as race courses, warehouses, assembly lines etc.

Non-Tech Skills

- The ability to quickly pickup different workflows and other technical skills.
- Speak 2 other foreign languages, Romanian (which is native) and Russian.
- Excellent organizational skills.
- Good at working in difficult situations and under pressure.
- Excellent team player and leadership and planning skills(plenty of experience from leading University team projects, taking part of competitions and from managing the Rock and Metal Society)

Contact Me

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