CĂLIN ILIE

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EDUCATION

University of Manchester *School of Computer Science*   September 2018 - June 2020
· BSc in Computer Science (with Industrial Experience)   First Class Degree Standard

TECHNICAL STRENGTHS

Computer Languages	**Go**, **Java** (Spring Boot), Kotlin, Python, React (TypeScript), C
Software & Tools	**Kubernetes**, Helm, Docker, SQL (Postgres), ActiveMQ
	Linux, Git, CI/CD (Gitlab CI/Jenkins)

WORK EXPERIENCE

Security Hub *The Hut Group*   July 2018 - May 2020
· Part of the **Information Security** team that built a **dashboard** for managing network activity, firewall, and reporting on **vulnerability scans** at OS/Application level on the company infrastructure
· Backend built in **Java** (**Spring Boot**), front-end in **Angular**

Magellan & Blackbeard *The Hut Group*   October 2018 - January 2019
· Part of the **Information Security** team that built a system for scheduling and performing network (nmap) and **CVE** (openVas) scans and generate vulnerability reports
· Components were built in **Java** (**Spring Boot**) using **ActiveMQ**, **Postgres** and deployed in **Kubernetes** on **GKE**. Front-end built in **Angular**, email reporter in **Go**.

CSP Collector *The Hut Group*   February 2019 - April 2019
· Part of the **Information Security** team, built a high-throughput reporting system on the **Content Security Policy** for our set of e-commerce websites. Built in **Go**, it leverages **Grafana** to generate statistics and alerts about 3rd party content being loaded on our e-commerce platform. Deployed on self-managed **K8s**.

Dotable *The Hut Group*   June 2020 December 2020
· Part of the **Cloud Hosting** team, built a website builder SaaS for drag-and-drop website building, hosting, and buying domains.
· Worked on the backend integration with different registrars, domain purchases and transfers, and Stripe integration. Microservices built in **Go**, **Java**, and **Kotlin**.

ACADEMIC ACHIEVEMENTS

Student Ambassador *University of Manchester*   January 2017 - June 2020
· Currently representing the *School of Computer Science* as a Student Ambassador. Working on events designed to promote the University of Manchester as a study destination to prospective students and parents

Algorithms Contest *Pitesti, Romania*   March 2014
· Ranked first place in Dan Barbilian Regional algorithms contest, competing against more than 100 participants

OTHER

Hobbies & Interests	Electronics, 3D Printing, 3D Design, Puzzles, History, Philosophy