CĂLIN ILIE

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TECHNICAL STRENGTHS

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

WORK EXPERIENCE

Core Security *Improbable*   July 2021 - January 2022

· I developed integrations for **Whitesource** and **Cortex XDR** with the **Jira API**, the goal being to improve task visibility of the security function of the team, as part of the **Core Security** team.

· I worked on improving the monitoring of TLS certificates across the estate on the **Go** platform.

Dotable *The Hut Group*   June 2020 - December 2020

· Developed a website builder SaaS back-end for drag-and-drop website building, hosting, and buying domains, as part of the **Cloud Hosting** team.

· Worked on the integration with different registrars, domain purchases and transfers, and Stripe integration. Microservices built in **Go**, **Java**, and **Kotlin**, with a **React** front-end.

Security Hub *The Hut Group*   July 2018 - May 2020

· Built a **dashboard** for managing network activity, firewall, and reporting on **vulnerability scans** at OS/Application level on the company infrastructure, as part of the **Information Security** team.

· Backend built in **Java** (**Spring Boot**), front-end in **Angular**

CSP Collector *The Hut Group*   February 2019 - April 2019

· Developed a high-throughput reporting system on the **Content Security Policy** for our set of e-commerce websites, as part of the **Information Security** team. 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**.

Magellan & Blackbeard *The Hut Group*   October 2018 - January 2019

· Built a system for scheduling and performing network (nmap) and **CVE** (openVas) scans and generate vulnerability reports for stakeholders, as part of the **Information Security** team.

· 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**.

EDUCATION

University of Manchester   September 2018 - June 2020

· BSc in Computer Science (with Industrial Experience)   First Class Degree Standard

Romanian Baccalaureate Diploma   September 2018 - June 2020

· 9.5 - A*AA Equivalent

ACADEMIC ACHIEVEMENTS

Student Ambassador *University of Manchester*   January 2017 - June 2020

· Represented the *University* as a Student Ambassador. Worked on events designed to promote the University of Manchester as a study destination to prospective students and parents.

OTHER

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