

**EOIN COUSINS**

**Melbourne, Victoria**

**eoin.cousins@gmail.com | 0430691747**



## **TECHNICAL SKILLS**

**Programming Languages:** Java, Kotlin, Python, C#, Scala

**Backend & DevOps:** Kafka, REST APIs, Docker, Kubernetes, Jenkins, Gradle, Maven, SQL

**Frontend:** JavaScript, HTML, CSS, React

**Cloud & Monitoring:** AWS, Splunk, DataDog

**Version Control:** Git, GitHub

## **EDUCATION**

**2022-2023**

**Masters in Computer Science**

University College Dublin

Grade: First-Class Honours

**2017-2021**

**Bachelor of Engineering in Electronic and Computer Engineering**

National University of Ireland, Galway

Grade: Upper Second-Class Honours (2. 1)

Final Year Project- Autonomous Parking Vehicle with an FPGA

## **EXPERIENCE**

**Jun 2023 – Sep 2024 Associate Software Engineer, Tenable, Dublin**

- Developed and maintained backend systems using Kotlin, Kafka and REST.
- Replaced two critical microservices with a high throughput service that was \$2000 per day cheaper and more performant.
- Created integration tests for a new data flow path in the pipeline.
- Deployed our services to a new production cluster.
- Mentoring software engineering interns.

**Jan 2022 – Sep 2022 Network Operations Engineer, BT Ireland, Dublin**

- Monitored several networks across Ireland to ensure no customer downtime.
- Adjusting routers and switches to provide optimal network performance.
- Completing tasks to resolve faults on the network.
- Dealing with major incidents such as fibre breaks/disturbances, network outages etc. and providing a root cause analysis to customers.

**Jan 2020- Aug 2020 Test Engineer, Medtronic, Galway**

- Facilitated the increase of production of ventilators during the Covid-19 outbreak.
- Led meetings with senior engineers when reviewing Engineering Change Orders.
- Maintained the test equipment for multiple assembly lines.
- Developed software with a team which analysed test data to reduce downtime.

## **PROJECTS**

- **Workout planning and tracking website (full stack)**
- **Meal planner website (full stack)**
- **Comparative Analysis of State-of-the-Art Transformers and Simple Neural Networks**
- **Cryptocurrency Trading Bot**

## **CERTIFICATIONS**

- AWS Solutions Architect Associate certified
- Java Memory Management