

EOIN COUSINS

Melbourne, Victoria

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TECHNICAL SKILLS

Programming Languages: Kotlin, Java, Python, C#

Backend: Microservices, Kafka, REST APIs, Spring Boot, Gradle, Maven, SQL, PostgreSQL

Frontend: JavaScript, HTML, CSS, React

Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins

Monitoring: 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 tracking website** (React, Supabase auth & database)
- **Meal planner website** (React, Node.js, MongoDB)
- **Comparative Analysis of State-of-the-Art Transformers and Simple Neural Networks** (Python)
- **Cryptocurrency Trading Bot** (Python, Binance API)

CERTIFICATIONS

- AWS Solutions Architect Associate certified
- Java Memory Management