

# Daire Coleman

## Cloud Infrastructure/DevOps Engineer

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Proven track record of delivering software solutions to drive more efficient systems and continuous improvements to workflows and processes. Seeking a role where I can leverage my expertise in DevOps to align technical solutions with business outcomes.

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## EXPERIENCE

### Design Automation (Infrastructure) Engineer, Intel Corp.

**Nov 2021 – Sept 2023**

- Improved our setups from several minutes to only a few seconds by rolling out an enhanced design environment changes for a team of ~100 hardware engineers. This included automated tooling processes & flows, cloud infrastructure, security using CI/CD, configuration management tools and setup scripts.
- Provided L3 support for engineers across all areas of the environment and resolved 100s of daily issues. Hitting 100% of all our SLOs and SLAs.
- Designed and implemented visualization dashboards with alert capabilities that provided insight into the health and status of the live design environment. Improved system uptime to 99.9% by anticipating and resolving issues before they could occur.
- Achieved zero downtime while leading a massive cloud migration of active repositories from GitLab to GitHub. This migration improved data management, release processes, and integration testing on over 900 repositories. Each repo migration could be completed in less than 10 minutes.
- Facilitated Python training sessions for beginner, intermediate, and advanced engineers, which improved the overall skill base and fostered a collaborative code-review culture. Implemented feedback loop to inform data-driven decisions.

### Graduate Automation Engineer, NeoDyne Ltd.

**Aug 2021 – Nov 2021**

- Ensured seamless handovers requiring \$0 support cost by delivering effective documentation detailing completed designs and processes, including Electrical Panel drawings, FDS and FAT/SAT test protocols.

- Transcribed ~20+ legacy PLC programs and implemented on modern Rockwell Automation Platform eliminating reliance on outdated hardware and dropping maintenance costs by 30-50%

#### **Lab Services & Remote Operations Engineer, Intel Corp.**

**Jun 2020 – Jan 2021**

- Successfully managed on-premises systems (OO's) for the Edge.AI group and operated three electronics labs for remote engineers during the Covid-19 pandemic. With 100% on-time delivery.
- Improved headcount forecasting accuracy & visibility by 5x with an Excel and PowerBI by developing a custom tool for senior management.

## **EDUCATION**

### **Masters of Electronic Engineering with Business**

**University College Dublin**

**May 2021**

**Thesis:** 'Human-robot collaborative system that uses computer vision and gesture recognition techniques.' (AI/Robotics)

**Key Areas of study:** Electronics, Programming, Computer Science

### **B.Sc. Electronic & Electrical Engineering**

**University College Dublin**

**May 2020**

**Key Areas of study:** Maths, Physics, Computer Science

## **SKILLS and CERTIFICATIONS**

- Multi-region Cloud Compute & Storage Infrastructure provisioning & management
- Programming/Scripting – Python, BASH scripting, Git, End-to-end CI/CD pipelines
- Monitoring & Observability Tools – AWS CloudWatch, Grafana, Prometheus, PowerBI
- Administration & Troubleshooting software environments specifically Linux hosts
- Excellent Communicator & Team Player – Toastmasters member, optimistic, enjoy teams and building rapport.
- Structured Project Management Project/Certification, ETP, 2020
- Snowflake Platform Training & SnowPro Associate: Platform Certification/Badge, Data for Breakfast, 2025
- Leetcode: Data Structures and Algorithms Course, 2025