

Colm Cahalane

Software, etc.



Colm Cahalane
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Skills

- Experienced with SRE principles, systems administration, operations, Linux, on-call response, capacity planning, monitoring technologies like OpenTracing.
- Full stack web-development experience with modern JS (ES6, React, Knockout), scalable backend technologies (Java 8/Dropwizard, Spring, Go, PHP with Lavavel) and cloud platforms (AWS, GCP, DigitalOcean)
- Developed a [cross-platform location-aware mobile app in React Native](#).
- Working in the software engineering process & methodologies (Agile, Scrum, Kanban etc) through industry and university work.
- "PR Rat" for Hausu, a Cork-based record label and artists' collective managing press, social media and strategy for 8 artists.

Experience

Indeed / Site Reliability Engineer
JUNE 2018 - PRESENT, DUBLIN, IRELAND

Joined a small team of only two members in Indeed with a view to growing the team to 18 people within two years. Projects included an OpenTracing pipeline that consumes data from across the entire product to be used for diagnosing and debugging performance issues in production. Experience on-call in a huge global production system serving hundreds of millions of unique users; applying SRE principles to reduce alert volume.

HubSpot / Software Engineer
SEPTEMBER 2017 - MAY 2018, DUBLIN, IRELAND

A Software Engineer on the Conversion Optimization team. Developed new modes of mixing conversion tools into users' content, working full-stack in Java 8/Dropwizard and React.js, with automated Selenium testing.

Google / Site Reliability Engineering Intern
MARCH 2016 - SEPTEMBER 2016, DUBLIN, IRELAND

For Viceroy, developed a testing service that ensured consistent stable releases on a codebase shared by all SRE teams and notified teams of failures in their contributions. Software development in the Go language, training in SRE best practices and non-abstract large scale design.

Teamwork.com / Technical Intern
JUNE 2014 - JANUARY 2016, CORK, IRELAND

Integrations & Imports in Go and ColdFusion for a rapidly growing scale-up.

Education

University College Cork / BSc Computer Science (1st Class Honours)
SEPTEMBER 2013 - MAY 2017, CORK, IRELAND

Awarded the **Peel Memorial Prize**, runner-up to Graduate Of The Year, signifying excellence in academic and extracurricular endeavours, as well as the **Student Leadership Award** and other high-level awards..

As chair of UCC Netsoc, organised over 35 events attended by a total of hundreds of students, raised €7,000 worth of sponsorship, and organised a heavily subsidised trip of 30 students to FOSDEM in Brussels.

Art Director for Motley Magazine, Producer and Lead Host of *Sharp* on UCC 98.3FM, and Academic Representative for BSc Computer Science on the Students Union.