Colm Cahalane

Senior Site Reliability Engineer

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Skills

- Tech lead experience on both infrastructure and software initiatives with diverse stakeholders.
- On-call and incident response experience covering hundreds of deployables and global outages.
- Experienced in SRE best practices - adopting observability standards, moving to cloud-native platforms, definining infrastructure-as-code, implementing findings from incident response.
- Full stack engineering experience with modern web technologies, scalable backend systems, and cloud platforms.
- Voluntary work on public relations, strategy and digital marketing for Hausu, an Irish artists' collective and record label; including event management, live-coded visuals and other freelance work within the Irish music industry.

Experience

2018 onwards — **Indeed.com**
Senior Site Reliability Engineer
Delivered critical reliability initiatives, including encouraging organisation-wide adoption of distributed tracing and a service mesh, improving our Reliability Checklist tool and helping product teams move from legacy bare-metal deployments to industry-standard cloud-native infrastructure – Kubernetes in AWS. Guided our Revenue/Payments Processing team in adopting Service-Level Objectives and intelligent monitoring. Provided on-call support for all business-critical applications for Indeed during European office hours. Daily tools/processes include Go, Java, and modern JavaScript, config management in Puppet, infrastructure management in Terraform, and bash scripting / Linux admin.

2017–2018 — **HubSpot**
Software Engineer
Designed and developed new modes of mixing conversion tools into users' content, working full-stack in Java 8/Dropwizard and React.js, with Selenium testing.

2016 — **Google**
Site Reliability Engineer Intern
Developed a testing tool in Go to ensure consistent stable releases on a codebase shared by all SRE teams, notifying teams of failures in their branches. Completed training in SRE best practices and non-abstract large scale design.

2014–2016 — **Teamwork.com** *Software Engineer Intern, Imports and Integrations*

Education

2013–2017 — **University College Cork**
BSc Computer Science, 1st Class Honours
Awarded the **Peel Memorial Prize**, runner-up to Graduate of the Year, signifying excellence in both academic and extracurricular endeavours, as well as the Student Leadership Award and other high-level awards.
As chair of 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. Other extracurriculars include art direction for the university student-operated magazine, hosting college radio shows, and representing my class at Students Union.