

Lachlan Birdsey

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Experience

Senior Software Developer **Elisa Oyj** **May 2021 - Present**

- Developing fault remediation and reporting automation for telco networks
- Heavily involved in all stages of solution
- Ad-hoc roles of architect, lead developer, and PO when required
- Planning and provisioning private cloud deployments
- Interacting with internal and external clients and other teams
- Developing tooling for stakeholders to help contribute
- Scrum master duties

Postdoc **University of Oulu** **August 2018 - August 2020**

- Research into transit and climate effects
- Advising masters and PhD students
- Writing grant applications

PhD Candidate and Lecturer & Tutor **University of Adelaide** **July 2014 - August 2018**

- Designed and implemented simulation experiments
- Designed and implemented high-level DSL
- Writing research papers
- Lectured introduction to computer science courses
- Assisted in several final year courses as tutor

Education

PhD in Computer Science* **Jan 2015 - Jan 2019**
University of Adelaide Australia

Hons Computer Science **July 2013 - July 2014**
University of Adelaide Australia

B. Computer Science **2010 - 2013**
University of Adelaide Australia

Skills

Languages & Frameworks: Java/Kotlin (SpringBoot), Go, Python, Rust, Typescript, Shell scripting

DevOps: Helm, Kubernetes, ArgoCD, Github Actions, Docker/Podman, Prometheus, Grafana, Terraform, Ansible, Google Cloud

Databases: Postgres, MariaDB, SQLite, Opensearch, Redis

Other: Kafka, Camunda, Telegraf, Proxmox

Languages: English