

Haydn Thomson

✉ haydnthomson@hotmail.com

☎ 0210 894 9250

in [haydn-thomson-b7b967109](#)

🌐 [haydn202](#)

Profile

Dedicated Software Engineer with a strong background in DevOps, Cloud Engineering, and full-stack development. At OSPRI, I lead cloud optimization initiatives, reducing costs by over \$100,000 monthly. Known for quickly learning new skills and solving complex problems, I am seeking a new role to expand my expertise and make impactful contributions.

Experience

Senior Software Developer, OSPRI

2023 – present

- Develop event-driven microservice system with C# and .Net.
- Create Single page application UI using Angular and Typescript.
- Lead DevOps and Cloud Engineering work reducing monthly costs by over \$100,000.
- Mentor and train other staff.
- Contribute to system design and cloud architecture.

Cloud Infrastructure DevOps Engineer, OSPRI

2021 – 2023

- Create and maintain Cloud Infrastructure using Infrastructure as Code tools including Terraform and Pulumi.
- Set up CI/CD pipelines with Azure DevOps to automate integration, deployment, and testing.
- Create automation scripts with Bash, Powershell, and Python.
- Manage microservice based system in Kubernetes with tools such as Helm, and the container technology Docker.
- Fullstack Development of a SPA UI with angular and typescript and backend services using .Net and C#.

Software Developer, OSPRI

Mar 2021 – Aug 2023

- Develop event driven .Net microservice APIs as part of a new system.

Senior Technician - Team Lead, MPI

2018 – 2020

- Supervise, organise, and train junior staff members.
- Work as part of a team to efficiently process samples and provide results promptly.

Education

Victoria University, Masters Degree in Software Development

2020 – 2021

- **Grade:** Distinction

Victoria University, Masters Degree in Molecular Microbiology

2016 – 2018

- **Grade:** First Class Honors
- Research conducted in the Center for Bio-discovery at Victoria University.

Victoria University, Bachelors degree in Biomedical Science

2013 – 2015

- **Achievements:** Deans List of Academic Excellence

Professional Development

I am a member of a mentoring program at Victoria University where I mentor Software Development students to prepare them for entering the IT industry. As part of this, I give them insights into careers and technologies not well covered by their university courses such as Cloud Engineering and DevOps. I have been involved in this for two years.

Certifications

Microsoft Certified Azure Fundamentals ([AZ-900](#))

Kubernetes and Cloud Native Associate ([KCNA](#))