# Caleb Dunn

https://caleb-dunn.me

Email : caldunn@outlook.com
Mobile: +61-478-599-736

## EDUCATION

- **Curtin University** — Bentley, WA
  *Bachelor of Science (Computing)* — *February 2018 – September 2021*

## EXPERIENCE

- **Self Employed - Freelance** — Gooseberry Hill, WA
  *Software Developer and Consultant* — *January 2022 - August 2022*
  - **CI-CD Consultation**: Developed a strategy with examples on implementing the available CI CD tools in GitLab to create a high feedback and automatic development pipeline.
  - **Static Websites**: Created a few static websites using NextJS hosted on Netlify.
  - **Service Management Application**: Created a web application with Go's Gin framework, React, Postgres and Redis that an electrical company used to manage employees daily activities.

- **CTI Logistics** — West Perth, WA
  *Software Developer* — *November 2020 - November 2021*
  - **Python Data Ingestion Pipeline**: Maintained and improved an existing Python codebase that powered the companies EDI solution. Various sources needed to be collected and data parsed into many internal systems.
  - **React Native with Node Application Bridge**: Worked on creating a React Native application that couriers and truck drivers used on PDA's or personal devices to manage freight and daily work activities. Interfaced with a Node socket based API that would translate functionality into existing monolith.
  - **Fleet Management Software**: Helped maintain a .NET Framework 3 codebase that connected drivers, office staff and clients in everyday operations.
  - **Warehouse Stocklist Manager**: Created a suite of tools that allowed warehouse staff to scan stock (incoming/outgoing/stocktake) to fulfil orders.
  - **CI-CD Pipelines**: Created entire workflows and pipelines that facilitated testing, staging and deployment. Lead to a drastic increase in testing alongside reduced errors in production deployments.

  *IT Support Technician* — *March 2020 - November 2020*
  - **General Software and Hardware Support**: Phone and onsite support/troubleshooting across 10+ sites all across Australia. This included entire office outfits from networking to desktops.
  - **RHEL Server Maintenance**: Helped maintain several RHEL servers such as print and application servers.

  *Freight Forwarder* — *August 2014 - March 2020*
  - **General Warehouse Labour**: Packed and unpacked pallets and sea containers alongside forklift loading and unloading of freight.
  - **Data Entry**: Consolidated incoming freight for storage or same day departure.

## CAPSTONE PROJECT

- **Earscience.org.au Digits in Noise Hearing Test**: A .NET 5 and React based application that enabled users to take a digits in noise hearing test with the results being exported to Earscience.org.au's NetSuite instance. Delivered to client as a Docker image.

## SKILLS

- **Languages**: C, C# on .NET 5, Go, Java, JavaScript, Python, Scala, SQL (Postgres, MSSQL, SQlite)
- **Frameworks/Technologies**: Caddy, Django, Docker, Docusaurus, GitLab CI CD, Go Gin, Nginx, Node, React, React Native, Redis, RHEL, Ubuntu VPS's

## INTERESTS

- **Scala and ZIO**: Scalas expressiveness is virtually unmatched alongside being built upon the JVM with access to its expansive ecosystem. ZIO (A functional async library) has introduced me to pure functional programming ands its benefits. It's latest release in my opinion is some of the most exciting tech today.
- **Window Managers and Minimal Distributions**: Tiling window managers would be some of the most personally impactful pieces of software I have come across. It was fundamental in teaching me how Linux user space software works. Customising a set of programs really gives you perspective on much software it takes for a functional desktop system.
- **AFL**: I love watching and playing Australian football. What's there not to love about it.