

DANIEL ALBERT

Mobile: 0411 368 186

Email: danielalbert3377@gmail.com

GitHub: <https://github.com/dan933>

Portfolio: <https://www.danalbertportfolio.com.au/overview>

LinkedIn: <https://www.linkedin.com/in/daniel-albert-446355175/>

Projects I have worked on:

- **Image Accessibility Application (Angular, Firebase)** 2022
 - The application allows the user to add photos and text, and generates an audio description of the image to assist in teaching children with a disability
 - Created an upload feature for the user to add photos
 - Utilised FireStorage to store the images and generate image URLs and used FireStore (a no-SQL database) to link the image URL to the text
 - Used speech synthesis to convert the text to speech
 - Used reusable components to increase development efficiency
- **Full stack Invoicing application (Angular, .Net and SQL server)** 2022
 - This application allows the user to quickly generate and download invoices in a PDF format.
 - The user inputs the details, price, and quantity. The application automatically calculates the total, formats the invoice in PDF form, and stores information on the database.
 - Used relational database (SQL server) and joined tables to link customers to their invoices
 - Used jsPDF and jsPDF-autotable to convert user inputs into automatically generated PDFs
 - Created a view in SQL server that calculates the total cost of each invoice item
 - Implemented efficient search, sort, and pagination operations for better user experience through the API and front end
- **NBA Dream team application (React, .Net and SQL Server, Auth0)** 2022
 - This was a university group assignment to create a web application which allowed multiple users to create NBA dream teams and compare two teams to calculate a win probability
 - Used React, .Net and SQL Server to develop code for the front end and API
 - Used GitHub to manage version control issues in a team setting
 - Used Azure Boards as the project management tool to allocate work and collaborate with the team
 - Integrated Agile software development processes into the project
 - Utilised Azure CI/CD pipeline to streamline and automate the deployment process

- Northern Hospital prototype administration application** 2021
(Angular, .Net and SQL server)
 - Developed a web application as part of a group university assignment to assist staff at the Northern Hospital to visualise survey responses from chronically ill patients about their wellbeing and symptoms
 - Used Angular, .Net, and SQL server to create a new patient and assign categories to the patient
 - Used the Jira Issue tracking product to maintain and progress with the development
 - Used Amazon Linx2 to deploy the website and the API for the Northern Hospital application
- Portfolio Website (Angular)** 2021
 - Used component libraries such as Angular Materials
 - Used SCSS for aesthetic styling of the web application
 - Implemented Iframes to display the rideshare application inside the portfolio website
 - Integrated google forms into contact form
- Rideshare Application (R and Shiny library)** 2020
 - Developed the interactive Rideshare application using R and Shiny library that visualises an Uber driver's trips in Melbourne and displays profitable areas based on the day and time

Certificates

- JavaScript Algorithms and Data Structures 2022
- Harvard CS50 2020
- Intermediate SQL Server 2019
- Introduction to R 2019

Skills

- GitHub
- SQL Server
- Azure Pipelines
- React
- HTML
- CSS
- JavaScript
- Angular

EDUCATION

Diploma of Information Technology (Advanced Programming)

Swinburne University of Technology

2022 – In progress

- Developed and deployed two full stack applications using Azure cloud services
- Created a CICD pipelines for the project using Azure pipeline
- Collaborated with other developers using azure boards
- In the process of creating an admin dashboard for an organisation with DGI status
- Created a full stack application using React

Associate Degree of Applied Technology (Cloud Computing) – part time

Swinburne University of Technology

2020 – 2021

Unfortunately, this course was discontinued but I achieved the following:

- 4.0 GPA
- Developed and deployed two full stack applications using AWS cloud services
- Utilised Jira project management software
- Collaborated with other developers on GitHub

Diploma of Accounting

Swinburne University of Technology

2020

Certificate IV in Bookkeeping

Swinburne University of Technology

2016

Other experience

CJM Eastern Services, Bookkeeper

Feb 2018 – Present

- Created new accounts for customers
- Created invoice templates to enable the organisation to efficiently generate invoices
- Automated the reconciling process
- Consult with the clients to identify their requirements such as debtors, invoicing and developed operational solutions
- Generated reports and business insights

Australian Jazz Museum, Volunteer Accounts Clerk

September 2019 – March 2020

- Generated itemised sales invoices and recorded Creditor Bills on Xero
- Provided professional development to upskilled staff to efficiently use Xero and Excel
- Developed processes and integrated PayPal payments to the finance system
- Supported the organisation to reconcile Cash, Cheques and Credit card payments

Camel Head cleaners, Manager

2016–2019

- Managed teams of staff
- Communicated with head builders and trades
- Negotiating complex issues with clients and employees