RECENT PROJECTS

My Portfolio can be found on my website:
https://dav-sandhu.github.io/Personal-Website/
(Or alternatively you can go onto my GitHub)

Note: Some applications I have worked on are private for various reasons and thus I only showcase the public ones.

Workforce App (Champion Products Corp.)

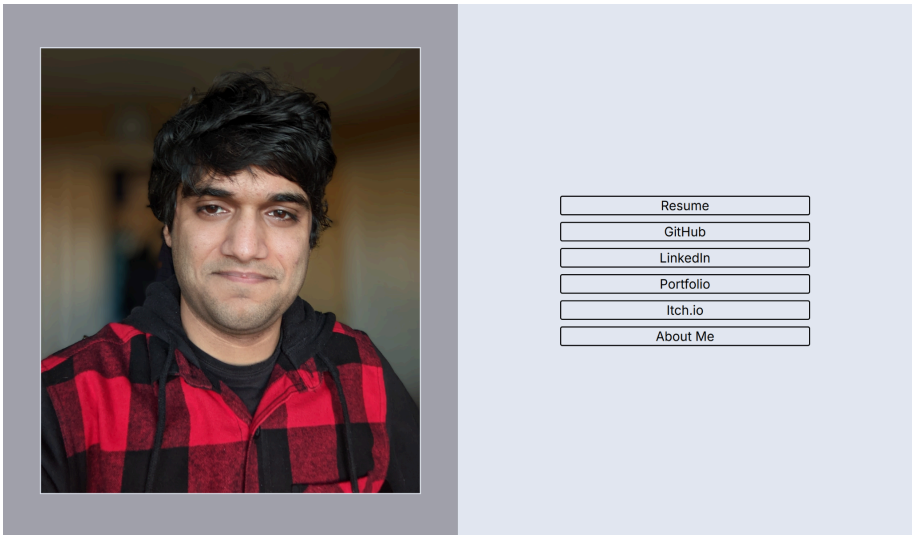
https://github.com/Dav-Sandhu/WorkForce-App

- This is an application that monitors employee activity by having them sign in and update what they are doing at any given moment on the app which is then collected as a .csv file by the admin user. The website uses React.js on the front-end and Node.js and Express.js on the back-end. It is privately hosted on Azure via a Docker container and uses many Azure services such as the SQL and email services. The website also has face unlock for members who create an account.

Personal Website

https://github.com/Dav-Sandhu/Personal-Website

- This is my personal website where I showcase my work samples, resume, as well as links to my other social media profiles. This is the updated 2024 version of the website made using Next.js via a mix of client-side and server-side rendering.



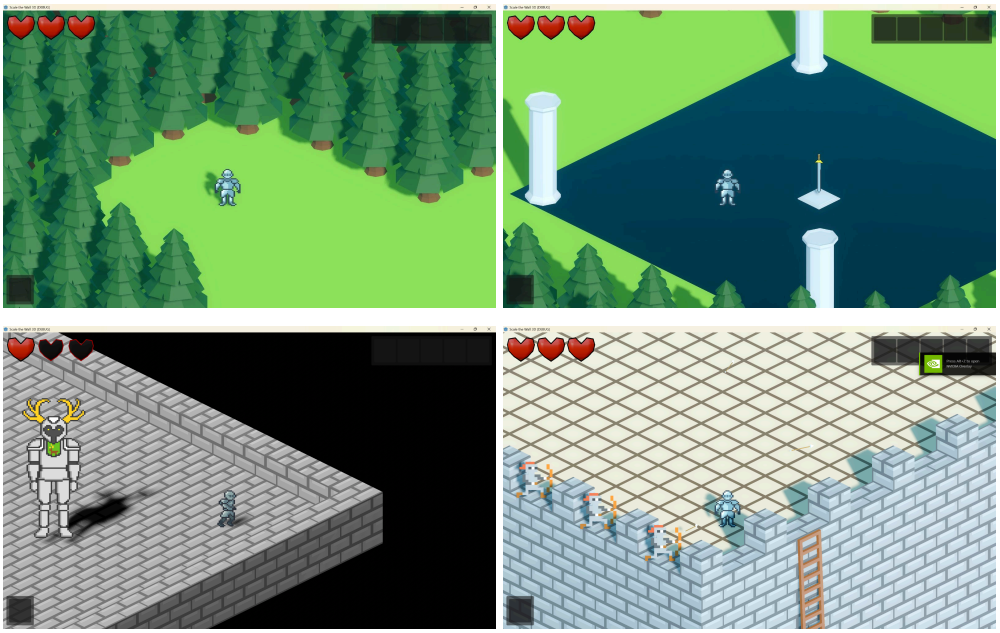
GMTK Game Jam 2024 Entry

https://github.com/Dav-Sandhu/GMTK-GameJam-2024

- This was our team's GMTK game jam entry for 2024 made using Phaser.js initially but then switched over to Godot in a later version. The game was initially just an isometric 2D action game, but was switched over to isometric HD-2D in order for better physics simulation. The game is an action adventure/rogue-like in the likes of Hades, The Binding of Isaac, and Dark Souls.

  NOTE: The latest version of the game is private currently as it is still being worked on at the moment in Godot.

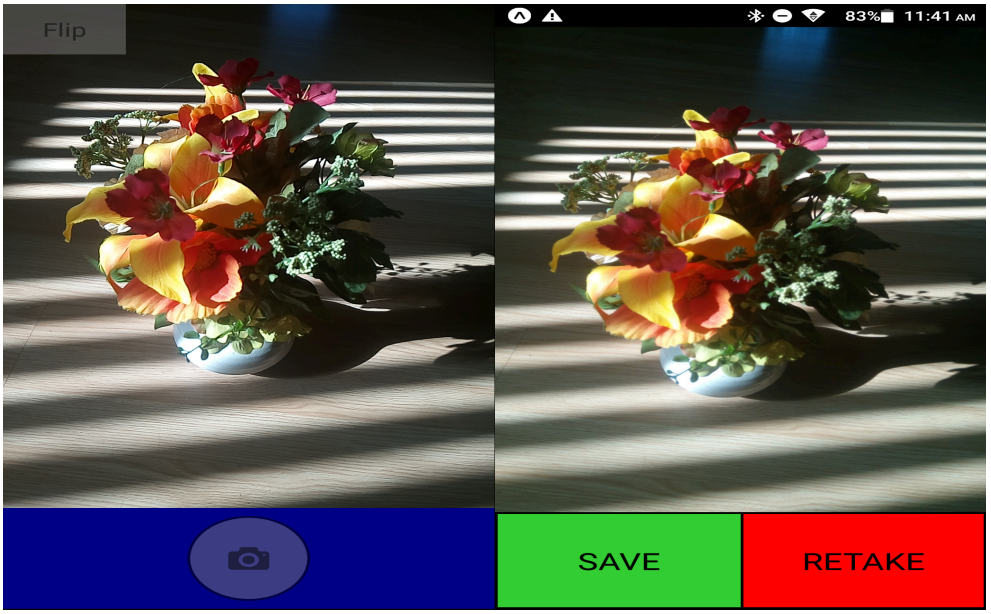
  Screenshots of the latest version are shown below:



Custom Camera App

https://github.com/Dav-Sandhu/Custom-Camera-App

- This is a custom camera app I made using React Native and Expo.



Tersano Coding Challenge

https://github.com/Dav-Sandhu/Product-Management-Interface-with-Authentication

- This was a coding challenge from Tersano where you had to make a website using the MERN stack that implemented proper authentication. I used JSON web tokens to ensure that the user was authentic and had a wrapper class around my individual components to verify the token each time the user switched over to a different section of the website. This implementation also uses TypeScript with React.js on the front-end and Node.js on the back-end.