Josh Bacon

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Skills

Languages: JavaScript, HTML/CSS, Dart, Python, PHP, SQL

Libraries: React, NextJS, Redux, Flutter, PocketBase, MySQL

Software: Power Apps, Power Automate, Power BI

General: GitHub, LaTeX

Projects

Code Gambit

Fullstack Website

Designed and developed a website to practice coding and chess at the same time. Session state management was handled using Redux and I implemented a Go backend which makes use of websockets to enable multiplayer matches. PocketBase, using SQLite, stores both user and match data relying on a JavaScript API.
Utilized: React, Redux, Go, PocketBase

R.A.M.

Fullstack Android App

Built a social media mobile app focused on technology related humour. With a Flutter frontend, a PHP REST API allows users to create accounts, post images, and interact with those posts; all of which is stored in a custom MySQL database.
Utilized: Flutter, PHP, MySQL

Recipe GPT

Fullstack Web + Android App

Group submission for MtA Hacks 2023; an AI powered platform that takes in ingredients and returns a recipe. Collaborating with three group mates, I worked on both the web and mobile frontends.
Utilized: Flutter and React

Experience

Business Reporting Specialist — Kent Building Supplies

May 2023 - Present   Saint John, NB

Being on the reporting team I used Power BI to build datasets and report dashboards. Part of my responsibilities include continuing my work with business improvement using the Power Platform by building new processes while maintaining existing projects.

Business Analyst Intern — Kent Building Supplies

May 2021 - April 2023   Saint John, NB

As a business analyst my role was to streamline internal processes and automate them where I could. To accomplish this I used the Microsoft Power Platform, specifically Power Apps for data input and Power Automate to organize data and notify the necessary people as required. I worked on projects for many different departments solving a variety of problems.

Technology Administrator — Fundy Trail Parkway

Summer of 2020   Saint Martins, NB

During the summer, I maintained the website by updating information and took the first steps to setting up an e-commerce store to sell merchandise. I also setup POS systems and printers to connect over multiple networks that cover the trail. Taking care of miscellaneous tech related issues consisted of monitoring scheduling software, general tech support, and more.

Education

B.Sc. Computer Science with Minor in Commerce

Mount Allison University   Sackville NB

2019-2023 — GPA: 3.808