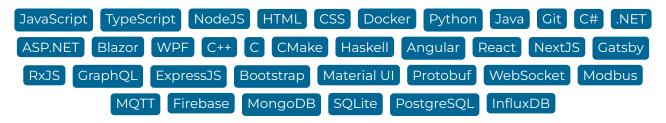
BENNETT GUNSON Full Stack Developer

SKILLS



WORK EXPERIENCE

Spring Valley Solutions

Software Developer - Part-time

Jan 2022 - Present

• Maintain proprietary web applications including bug fixes, ngrok remote access and time series exports to InfluxDB, and building/distributing installers to customers.

Software Developer – Full-time Internship

May 2021 – Jan 2022

- Migrated (rewrote) two data visualization web clients from AngularJS to Angular (v14) utilizing RxJS for reactive realtime UI changes.
- Implemented many NodeJS backend upgrades and features to both data aquisition applications including user authentication, IoT exports (MQTT, Modbus, raw TCP), and Jasmine testing.
- Created a build pipeline to efficiently ship installers and containerized applications using Docker for cross platform usage.
- Developed a backup/restore utility (NodeJS CLI and WPF GUI) to allow a user to quickly read and write data blocks to any PLC on their LAN via excel, JSON, or TXT files.
- · Styled, managed, and deployed company website using NextJS and Firebase hosting.

VOLUNTEER EXPERIENCE

Bike Root Community Bike Shop

Bike Mechanic

Sept 2022 - Present

- · Refurbishing donated bicycles for resale and repairing customer's bicycles.
- · Opening and closing the shop as well as handling POS system for transactions.

EDUCATION

University of Calgary

Bachelor of Science, Computer Science

Sept 2018 - April 2023

• Favourite courses: Data Base Management Systems, Computer Networks, Network Systems Security, Foundations of Functional Programming, Computing Machinery, Web-Based Systems

PROJECTS

OnBoardPi 🗹

Node, Angular, PostgreSQL, Docker, Python, Raspberry Pi

- · Diagnostic web server and client for OBD2 compliant vehicles
- · View fault codes, clear check engine light, and watch realtime values including RPM, speed, and temperatures on a dashboard.

StuddyBuddy 2

MongoDB, Express, React, NodeJS

- · Hack the Change 2022 (YYC) Admin Team's Choice winner
- A web application to connect users globally to tutor each other free of charge via open rooms with a whiteboard and text chat.