

Beck Rickert

Full Stack Dev

Systems Admin

Network Admin

beck@beckrickert.com +1 778 903 6628

A skillset containing development, design, management, and continuous delivery of web applications & network systems. Based in Vancouver, BC, Canada.

Projects

A Showcase of Carefully Hand-picked Apps & Accomplishments

HomeLab: Personal Home Network

Custom-built Enterprise Level Home Network Solution

This workspace allows one to learn about new technologies and practice new skills. Servers & services situated and isolated in a production-like environment with others designated for development and staging. To further commitment to self improvement during spare time. View the entire project posting on my blog: <https://blog.beckrickert.com/homelab>

Bloofare

Discord Translink Bot

A [Discord](#) bot written in [Node.js](#) with the [Discord.js](#) framework. Consumes [Translink's REST API](#) of bus & route information. Provides functions similar to texting Translink stop & includes monthly reminder for Multi-pass renewals. Application able to serve static files as a CDN using the [Express.js](#) framework; specifically images for embedded Discord messages. gitlab.com/beckrickert/translink-discord-js

JIMPRest

Image Format Converter with URL On-The-Fly

A [Node.js](#) RESTful API using [Express.js](#) and [JIMP](#) to convert image formats from a provided URL on-the-fly. Solution for those who don't want to resave images as another format in their online projects. gitlab.com/beckrickert/jimp-rest View a live demo: jimp.brickert.duckdns.org.

First Mile Label

A Shipping Label Generator

A [Node.js](#) web tool to quickly generate shipping labels with various options. Best suited for small online businesses who need a simple label printed for shipments. Includes features such as tracking & order number barcodes and caution indication symbols. Uses [Express.js](#) framework and [JsBarcode](#) package for barcode generation. View a live demo: fml.brickert.duckdns.org. <https://gitlab.com/beckrickert/first-mile-label>

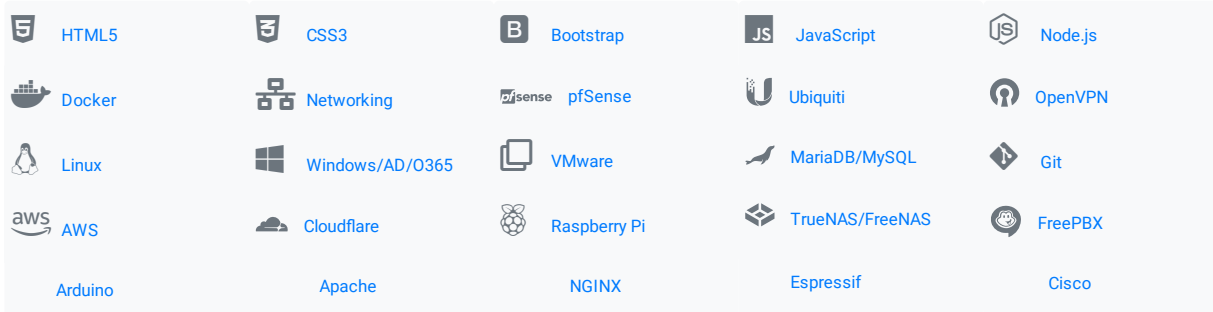
KPU Ghetto Cloud Storage Drive

Storage-as-a-Service Concept

A proof of concept implementation of a STaaS application, similar like [Google Drive](#) or [Dropbox](#). Involves a web interface and database. This project created for a course at KPU about using Cloud Computing services and deploying a custom application. The application uses [Express.js](#) as the framework under [Node.js](#), [Bootstrap](#) for the front-end, and [SQLite3](#) for the relational database. An [AWS EC2 t1.micro](#) instance used during the course with an Ubuntu installation. The project involves aspects of DNS, Networking, Virtualization, Containerization, Deployment, Version Control, Use Case Testing, APIs, Relational Databases, System Security, and more. During project presentation we used a free time-limited domain name from [Freenom](#). View a live demo: kpughettocloud.brickert.duckdns.org to create an account. <https://gitlab.com/kpuinfo4110s10fall2022/storage>

Skills

Programming Languages, Tools, Frameworks, and Systems



Work Experience

Full Stack Developer & Sys. Admin Feb 2018 - Present

Kwantlen Gaming Guild

Developer & Administrator for Kwantlen Polytechnic University's largest non-profit club. Opportunity to build & maintain website on a very limited budget (<\$100), kpugaming.ca, a registration membership Database with Google Appscript and Google Sheets. Microservices balto.kpugaming.ca between website and a Discord Bot bot.kpugaming.ca & server. Learned to successfully manage & develop a full production environment, with minimal downtime & on-call basis tech support resolution with club executives.

Bank Teller Aug 2018 - Present

Scotiabank

A part-time bank teller. Customer-facing of handling services & requests and brief advise for non-registered investments for individuals. Provided deep recurring customer satisfaction & relationships. Customer ticket management is a common occurrence.

Website Admin Mar 2017 - Dec 2017

Dr. Howard A. Ullett Inc. & Associates (Flagship Dental)

Website administration non-paid internship for a local dental office. Maintained their Wordpress (PHP) website & email deliverability (DNS). flagshipdental.ca Learned basic email-based tech support in a MSP-like environment to more than 10 employees.

Tech Specialist Oct 2016 - Apr 2021

London Drugs

Sales associate & technician at the tech department. Consultation, troubleshooting, repair & reconfiguration of consumer electronics, mobile devices & desktops. Typical duties include over the phone Level-1 Tech Support, data backup & migration, and attended/unattended installation of various software suites (Microsoft O365, Adobe, Autodesk), or Operating Systems to hardware upgrades. Provide customer service & support while achieving quarterly-set department sale figures.

Education

Kwantlen Polytechnic University Sept 2016 - Sept 2023

Bachelors of Technology

A specialized degree of Networking Administration with Cisco's Networking Academy courses. Degree includes CCNA courses for learning the foundations networking and Cisco vendor specific devices. Primary goal on completing all applicable network administration & security and web development courses provided by the institution.

Cisco Certified Network Associate (CCNA) May 2018 - Apr 2021

Course Completion

Completed online courses with applicable course merits offered by Kwantlen Polytechnic University instructed by Cisco. Learned command-line configuration, maintenance, troubleshooting, and best practices for general hardware & Cisco vendor specific products. Completed all four courses: Introduction to Networks, Routing & Switching, Scaling Networks, Connecting Networks.

Enver Creek Secondary Sept 2011 - Sept 2016

Highschool, Dogwood Diploma

A public highschool located in Surrey, British Columbia. Completed multiple Information Technology classes with achieving related honour roll certificates.

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Professional References

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