

NATHAN FROESE

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SUMMARY

Electrical and embedded computer systems engineer with passion for electrical and web app design. Works diligently and competently in full stack development with multiple languages, frameworks and libraries. Motivated to develop applications in solving real world problems in the local community. I aspire to be part of a team environment that promotes innovation and collaboration, while delivering quality products that we can be proud of.

SKILLS


Frontend - React, React Native, Redux, GraphQL, Bootstrap, Jest, Mocha, jQuery, AJAX, Bootstrap



Backend - Axios, AWS, Express, Firebase, GraphQL, PostgreSQL, Ruby on Rails, Websocket, Bcrypt, OAuth



Languages - Javascript, CSS, HTML, C++, Python, PHP, Typescript, SQL, JSON


Other Developer Tools - Figma, Sketch, Storybook, Trello, Lucidspark, Twillio, Postman, Datadog, Cypress, AutoCAD, MS Office Apps, LabView

PROJECTS

FindAlto  - FindAlto is a Health Tech startup based in Saskatchewan dedicated to supporting individuals and families through their care journey while improving outcomes for caregivers and care facilities. Key software used AWS, PostgreSQL, Prisma, Nexus, GraphQL, Stripe, Yup, React-Hook-Form, MUI, React, NextJS and Typescript.

Profile Page   - Profile page with a blog, dashboard, meetups of various conferences and video learning content I have liked. Key software used NextJS, Firebase, TailwindCSS, SWR, MDX, React, Vercel

Amazon Clone   - E-commerce website creating a simple online shopping experience. Key software used Stripe, Firebase, Axios, React

Legends of Trivia LOT  - Online gaming quiz app creating a simple online interactive experience. Key software used React, Socket.io, Node, Express, Postgres

Tweeter  - Single page app AJAX based Twitter clone. Key software used Express, Node, MongoDB

EMPLOYMENT

FindAlto, full stack developer, Saskatoon, SK Jan 2022 - present

Working with a startup from the ground up building a med tech app targeted at giving care needs for elderly and children. Our Tech language used is Typescript and Stack

- Backend - Postgres, Prisma, Nexus, GraphQL, Stripe, AWS
- Frontend - React, NextJS, MUI

AI Scott Lock and Safe, Road/Shop Technician, Vancouver, British Columbia 2018 - 2020

Worked on the road and in the shop rekeying, repairing padlocks, road tech supply ordering, installation and various other requirements of a locksmith from residential, commercial and automotive.

Gomae (Y Combinator), Junior Frontend Developer, Vancouver, British Columbia 2017 - 2018

Connecting the vegan community with restaurants that are either fully or modifiable vegan for sustainable eating. Responsibilities at Gomae were to design, build and assist in the development of the company's platform on both Android and iOS systems. Technologies used: React Native, Fastlane, Trello, Gitlab, Jest, AWS S3, SQLite, Java, Gradle. Gomae recently went into Y Combinator 2020 and partnered with Oco meals supply service.

- Collaborated with the UX/UI, Frontend and Backend design teams to improve the website and applications, increasing conversion rates by 30%
- Presented findings in a clear and concise manner to key decision makers for refactoring components within a use case
- Contributed to the API and NodeJS code to troubleshoot issues when debugging on the Frontend
- Assisted with user research, interaction design and wireframes, having weekly design reviews in order to have a strategy of workflows and weekly sprints of our agile and scrum goals set on Trello

Schlumberger, Asset Business Systems Administrator, Perth, Australia 2014 - 2016

Assisted in managing \$150 million of gross book value assets, with the purpose of increasing asset velocity, while decreasing monthly depreciation charges incurred on Australia's Drilling & Measurement books.

- Used MS Power BI, MS Access and MS Excel
- Removed 75% of ghost depreciated assets over still on the financial book
- Pulled Manufacturing, Maintenance, Operations and Financial Data through MS Power BI or through shell script to link the data on the Backend

EDUCATION

Bachelors Electrical and Computer Systems Engineering - Murdoch University,
Western Australia 2014

ACTIVITIES

Army Reserves - Signals Operator, Saskatoon, SK, 2019 - Present

Other Activities - Cycling, hiking, surfing, golfing

CERTIFICATES

Gender-based Analysis Plus (GBA+), First Aid St Johns