

Charles Drani

Full-Stack Software Developer

Charles Drani

6735 165 AVE NW
Edmonton, Alberta T5Z 3M5

780-229-2599
charlesdrani@gmail.com
<https://github.com/cdrani>
<https://cdrani.site>

Technical Skills

Languages: JavaScript (ES6+), Ruby

Libraries & Frameworks: React, Redux, Ruby on Rails, Express, Bootstrap, Bulma

Testing: Mocha, Jest, RSpec, Cucumber

Databases: Active Record Query, MongoDB, SequelizeJS

Tools: Git, Heroku, Github, netlify, npm/yarn

Soft Skills

- Thrives as a team player working with pair programming, collaboration and code reviews
 - Self-motivated, disciplined and autonomous
 - Excellent researching skills through Google, StackOverflow, documentation, etc.
 - Able to convey complex concepts to non-technical and technical people
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Experience

[BreweryFinder](#) / Maintainer

FEBRUARY 2019 - PRESENT

- Setup CI/CD for faster testing, building, and PR reviews
- Setup ESLint and Prettier for code uniformity
- Converted React code to use new hooks
- Conducted code reviews and assisted on PRs
- Wrote tests for React application
- Created a MongoDB/GraphQL server for the backend

[freeCodeCamp](#) / Contributor

AUGUST 2017 - PRESENT

- Create PRs to address failing tests, instructions formatting and grammar, and challenge simplifications
- Triaged issues and tested beta builds
- Helped learners in forum and gitter channels with questions relating to lessons and challenges

SCRI / Technician

APRIL 2014 - SEPTEMBER 2018, Acheson, AB

- Optimized the time to remove recyclable components off of electronics by 400% by training new and experienced colleagues to a linear and assembly line approach
- Implemented a kanban system to prioritize the types of electronics to disassemble first so as to meet production quota

Education

Microverse Software Development School

SEPTEMBER 2018 - JANUARY 2019

- Got accepted into a program that accepts 0.3% of the applicants
- Acquired strong CS and full-stack foundations with Ruby/Rails/JS/React following best practices such as gitflow and code reviews
- Completed 1,000+ accumulative hours learning and collaborating through pair programming as part of a distributed team
- Built 30+ full-stack projects

NAIT / MET Diploma

SEPTEMBER 2014 - APRIL 2016, Edmonton, AB

- Design and analysis of mechanical components, assemblies and systems
- Specifications for machining operations/production methods and tooling for the manufacture of components
- Cost estimating for fabrication, pressure vessels, construction, manufacturing, piping systems and projects
- Developed planning and time management skills in a given project to meet project deadlines.

Projects

[xkcli](#) / cli app to view xkcd webcomics

- Comic image and text is rendered on the terminal
- Users can view current, random, specific, next, and previous comics via subcommands
- Option to change text colors via chalk package
- App has been packaged on [npmjs](#) and has 600+ downloads

[BookCMS](#) / bookmark app to track reading progression

- Users can sign in/up/out, add, edit, and delete books
- Users can update their progress in books
- User authentication/authorization implemented using JWT and localStorage.
- Refresh tokens implemented to keep active users easy access
- Backend built with Node, express, GraphQL, Apollo-Server, and SequelizeJS
- Deployed live on [Heroku](#)

[Me Book](#) / social media platform to post, comment, and like content

- Users can sign up, create a profile, add friends, post, comment, and like content
- Utilizes devise gem for user registration and authentication/authorization
- Easy photo uploading with active storage
- Deployed live on [Heroku](#)

Interests

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- OSS creation and contribution
 - IOT development and experimentation
 - Bike riding through parks and river valleys
 - Rec. League Basketball
 - Game tournaments with family and friends