

# Charles Drani - Software Developer

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## Experience

[fCC](#)

open source codebase and curriculum.

- Create pull requests that address issues relating to failing tests, grammar corrections, and challenge simplifications.
- Test and help rewrite lessons in beta before introduction to production builds.
- Help learners in forum and gitter channels with questions relating to lessons and challenges they come across.

[filer](#)

Node-like file system for browsers

- Write missing tests cases to increase code coverage
- Implement missing node fs module APIs

## Skills

### Programming Languages

Javascript (ES6+),  
Ruby, HTML5, CSS3/ Sass

### Testing

RSpec, Jest, Mocha,  
Capybara, Cucumber

### Databases

Active Record Query, SQL,  
PostgreSQL, MongoDB,  
SequelizeJS

### Libraries & Frameworks

React, Redux, GraphQL,  
Apollo, Node, Express ,  
jQuery, Bootstrap, Ruby on  
Rails

### Tools

Git, Heroku, Github,  
GraphQL, Webpack, netlify,  
Gatsbyjs, npm, yarn

## Projects

[Book CMS](#)

[github.com/cdrani/book-cms](https://github.com/cdrani/book-cms)

- Content Management CRUD System deployed live on Heroku where users can sign up, sign in, add, edit, and delete books and keep track of their progress.
- User authentication and authorization implemented using JSON Web Token (JWT) and localStorage
- Frontend built with React, React Router, Apollo-Client
- Backend build with Node, Express, GraphQL, Apollo-Server, and SequelizeJS

[Me Book](#)

[github.com/cdrani/me-book](https://github.com/cdrani/me-book)

- Social media site for content sharing: Users can sign up securely, create a profile, add friends, post, comment, and like other content.
- Uses Devise for user registration, authorization, and authentication.
- Implements photo uploading with active\_storage.
- Deployed on Heroku

## Soft Skills

Work well with others  
through pair programming,  
collaborations and group  
project environments.

Self-motivated and able to  
get things done without  
constant supervision.

Excellent researching skills  
through Google, Stack  
Overflow, forums, github  
issues, etc.

Excellent communication  
skills to be able to convey  
concepts to both technical  
and non-technical people.

## Education

- Microverse - FullStack Software Development Program
- Learned comprehensive array of skills from program where less than 1% of applicants are accepted
- Worked 9am-6 pm Monday-Friday in a remote pair programming setting
- Fundamentals of full-stack programming such as languages, frameworks, libraries, Git Flow practices, algorithms , data structures, TDD, SQL, as well as debugging tools
- Completed several group projects in collaboration with other members