

# Amelia Hill

## FRONTEND SOFTWARE ENGINEER

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### SKILLS

JavaScript ES6 | HTML | CSS | SASS | Bootstrap | React JS | Node JS | Express JS | MongoDB | APIs | Git | JSON | Redux

### RELEVANT COURSEWORK

JavaScript and Dynamic HTML | Advance Java Programming | Database Management Systems and SQL | Cloud Computing (AWS) | PHP Programming

### PROFESSIONAL EXPERIENCE

#### Open Source Software Engineering Fellow

May 2022 - present

##### Major League Hacking Fellowship at Amazon AWS Amplify

- Selected as 1 of 125 from 10,000+ applicants to be an MLH Fellow
- Effectively work in a globally distributed team across 3 time zones
- Participate in standup meetings with MLH team and AWS Project maintainers to discuss ideas, plan strategies and code implementations
- Contribute to Amazon AWS developer-facing documentation
- Wrote feature to extend the functionality of AWS Amplify.js Signer
- Participate in code review, pair programming sessions AWS Amplify Project maintainers to improve code quality and deepen technical skills
- Perform code testing using various AWS Services and technologies such as Amplify CLI, Cognito, IAM, API Gateway, REST API, GraphQL, AWS Lambda, AppSync, DynamoDB, Amplify Hosting with CI/CD workflow and GitHub integration

**Skills:** JavaScript, TypeScript, Node.js, Jest, React.js, AWS Amplify CLI, Git

#### Front-End Engineer

February 2022 - present

##### YouGoDevs - Project Mentorship Program

- Contribute to official open source documentation
- Work with mentors to produce clean, well-designed, maintainable code
- Participate in code reviews and pair programming in remote-first environment

### OPEN SOURCE

#### Contributor

July 2022 - present

##### Amazon AWS Amplify

- Provided rewrites to various sections in project documentation
- Wrote and implemented feature based on community request

**GitHub:** <https://github.com/aws-amplify/amplify-js>

#### Volunteer Contributor

January 2022 - present

##### freeCodeCamp

- Create source questions with references for freeCodeCamp's developerquiz.org

**GitHub:** [https://github.com/freeCodeCamp/Developer\\_Quiz\\_Site](https://github.com/freeCodeCamp/Developer_Quiz_Site)

## PROJECTS

### Ultimate Herbs and Spice Finder

- Built a full-stack web application utilizing the MERN stack that allows users to search for spices or herbs and complementary foods
- Integrated a 3rd party API to find recipes that complement the user's selections
- Implemented rate limiting for API requests
- Deployed App in Heroku with GitHub Actions CI/CD

Demo: <http://www.ultimatespicefinder.com>

GitHub: <https://github.com/amehi0index/mern-spices>

### Momentum Clone Application

- Created a React.js Momentum Clone Application that provides a todo tracker, weather forecast, inspirational quotes and photos, and web search engines
- Implemented a Node.js backend server to hide API keys and fetch data from 3rd party APIs
- Incorporated local storage to save user preferences
- Utilized CSS3 to style application
- Implemented rate limiting for API requests
- Deployed App in Heroku with GitHub Actions CI/CD

Demo: <https://www.momentum-clone.com>

GitHub: <https://github.com/amehi0index/react-momentum-clone>

### Exercise Logger

- Built full-stack application with the MERN stack and React Bootstrap that tracks/logs a user's exercise
- Implemented user login and registration authentication with JSON Web Token and Bcrypt
- Deployed App in Heroku with GitHub Actions CI/CD

Demo: <http://www.exerciselogger.com>

GitHub: <https://github.com/amehi0index/mern-exercise-logger>

## EDUCATION

### Associate in Science Degree, Honors

Computer Programming

**Santa Monica College**, Santa Monica, CA

January 2019 - December 2021

### Bachelor of Arts, Summa Cum Laude

Linguistics - Syntax and Semantics, Japanese Language Concentrations

**Wayne State University**, Detroit, MI

Phi Beta Kappa Society