

Richard I. Essien

Full-Stack Software Engineer

ABOUT ME

Since January '20 I've gained over five thousand hours of remote experience, developing web apps and solving problems with code. I am passionate and eager to become significantly versed in various programming languages, web frameworks and best practices. LinkedIn and Twitter have been my go to, to regularly network and engage with others in the developer community, and to stay updated on new developer related best practices, tech, software and other information. Mental health is important to me so I make sure to step away from my computer, often finding myself taking long walks or going for a drive with my doggo. If you're a fan of manual transmission cars, I started driving my first one Feb 2017, a 2016 Hyundai Veloster - I will never own an automatic vehicle again. Also a big fan of COD Mobile!

PROJECTS

Human Rights First | Front-End Engineer

ReactJS, ChartJS, Axios, AWS, Styled-Components, Swagger API, Docker, Postman, PostgreSQL

Oct - Nov '20

Show the impact of police use of force in the US.

- Build chart component for react web application using chartjs
- Implement axios HTTP GET request to pull relevant data from Data Science team's API into chart component
- Style components with styled-components imported from external file
- Participate in cross functional team to deliver fixes and features for user stories and releases
- Deploy, review new fix and feature branches on AWS Amplify

[GitHub](#)

User Authentication | Back-End Engineer

Express, Cors, Helmet, React, Bcrypt, Knex

Apr '20

Used JSON Web Tokens to persist authentication across HTTP requests.

- Solely responsible for register & login functionality, hashed passwords before saving to database
- Added authentication middleware that granted access to the next middleware or route handler upon authentication, errors thrown if user is not authorized or credentials are invalid
- Wrote tests for the add user and login API endpoints

[GitHub](#)

Rick & Morty | Front-End Engineer

Rick & Morty API, React, CSS

Mar '20

Used a 3rd party API for a Single Page App complete with Client-Side Routing.

- Implemented a React Hook that used an axios GET request to fetch data from an API endpoint
- React Router was used to route to the homepage and character page components

CONTACT

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[GitHub](#) • [LinkedIn](#) • [Twitter](#)

TECHNOLOGIES

Python • SASS • ReactJS • JavaScript •
GitHub • Git • VIM • HTML • CSS •
Postman API • PostgreSQL • Swagger
API • NodeJS • KnexJS • ExpressJS •
Bootstrap • Docker • AWS

Platforms

MacOS • Ubuntu • Windows

- Added a functional search component that filters the data displayed on the characters page

[GitHub](#)

EMPLOYMENT

Uber | Driver

Self-Employed

May '14 - Jan '20

Greater Boston, MA, USA

Built soft skills necessary for remote and teamwork.

- Worked with no supervision, which meant I had to constantly self-motivate and remain disciplined
- Committed to waking up every morning and being on the road with the app on, in a timely fashion
- Built communication skills conversing with individuals from various walks of life and demographics

goPuff | Operations Manager

Full-Time

Oct '16 - Oct '18

Greater Boston, MA, USA

Built soft skills necessary for remote and teamwork.

- Gained valuable experience working in a fast paced, team dependent, startup environment
- Oversaw teams of Drivers; handled delivery issues
- Coordinated with fellow Ops Managers to both; organize delivery routes and dispatch customers' orders

EDUCATION

Lambda School

Full-Stack Software Engineering Apprenticeship

Jan '20 - Feb '21

Remote

A Full-Stack Web Development and Computer Science Internship.

- Participated in an immersive curriculum that focused on practical, web and software best practices, logic, concepts and development
- Gained 40+ hours a week experience participating in cross-functional teams, building real-world projects
- Implemented algorithms to manipulate data structures, hash tables, linked lists, and graphs

Fitchburg State University

B.Sc. - Interactive Media/Computer Science

Sep '11 - May '15

Fitchburg, MA, USA

- Studied the role of user experience and interface design in communication
- Gained practical knowledge of scripting languages and softwares for designing web-based interactive media; HTML, CSS, Photoshop, Flash, ActionScript

- Implemented object-oriented scripting logic; properties, methods, variables, and event listeners using Adobe Flash and ActionScript

New England Institute of Technology

A.Sc. - *Graphic, Multimedia & Web Design*

May '08 - Aug '10

Warwick, RI, USA

- Used semantic HTML and CSS in Notepad++ and Adobe DreamWeaver to build static web pages
- Built on core design skills via hands-on graphics, web design, multimedia, e-Publishing and web animation oriented projects
- Designed and produced portfolio ready brand packages
- Created graphic solutions for business and marketing communication needs
- Creative print and digital design were used to build brands and communicate messages