Timothy Jackreece

Full-Stack Web Developer
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EXPERIENCE AND PROJECTS

Amida Technology Solutions, Washington, DC
Junior Developer (January 2022 - Present)

Saraswati — A healthcare quality monitoring tool to improve the care patients receive. Saraswati ingests and converts data using Spring Boot applications before running it through HEDIS CQL scripts to generate care quality scores. These are stored in a MongoDB, accessible through an ExpressJS server. The front end uses D3 charts in a React app to advise healthcare providers. We are also using Facebook Prophet to monitor the data for trends. The pipeline itself processes events using Apache Kafka.

Tech Stack : React | NodeJs | Express| Java | SQL | MongoDB | Docker

- Architected frontend wireframes using ReactJs, Material UI, and Sass
- Tested frontend components with unit tests made with React Testing Library/ Jest
- Designed API routes using ExpressJs with NodeJ
- Troubleshooted bugs found on UI and Backend of projects
- Composed Docker files
- Re-engineered the company's main website

Restaurant Scout Naples
Project
Tech Stack : React | ReduxJs | NodeJs | Express| SQL | Knex

- Engineered and designed the frontend using React.js
- This app gives users the ability to create new restaurants, rate restaurants out of 5 stars , and to leave a review which is saved to the database using PostgreSQL.
- Established user access routes by employing Node, RESTful API's and Express

Anywhere Fitness
Project
Tech Stack : React | ReduxJs | NodeJs | Express| SQL | Knex

- Allows Instructors to register and login to the Admin dashboard, create classes and set their price for clients.
- Allows clients to register and login to the dashboard, sign up and pay for classes.
- React.Js and bootstrap frontend work.
- Express, RESTful API's, SQL and Knex are used for the backend.

SKILLS

- HTML5
- CSS
- Javascript
- React.Js
- Redux
- Context API
- Git
- Bootstrap
- Tailwind
- Bulma
- Material UI
- Sass
- Node.Js
- Express
- Python
- Java
- Knex
- Next.js

LIBRARY AND DATABASES:

- REACT Testing Library
- JEST Testing
- Cypress Unit Testing
- OAuthentication/ Authorization
- Adobe XD
- SQL/ SQLite
- MongoDB
- MariaDB
- Postgres

EDUCATION

Florida SouthWestern State College
(June 2009 - July 2012)
AA General Studies (engineering focus)

Valencia College
(June 2013-May 2014)

Lambda Coding School
Full-Stack Web Development
August 2020 - August 2021