Shiva Reddy

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EDUCATION

SPRINGBOARD
Full Stack S.E. Bootcamp
Grad: June 22

UNIVERSITY OF FLORIDA
MS-Construction Technology
Grad: June 2021 | Gainesville, FL

LINKS

Github:// **ShivaJReddy**
LinkedIn:// **ShivaJReddy**
Twitter:// **shivajreddy**

COURSEWORK

CERTIFICATION
Front-end Development
Back-end Development
Databases
ReactJS and Redux
DataStructures and Algorithms

GRADUATE
Building Information Modeling
Building Design through algorithms
Intro. to Artificial Intelligence
Fundamentals of Programming
Computer Graphics

SKILLS

PROGRAMMING
Languages:
Python • JavaScript • C#
Stack:
Node • Express
React • Redux
Django • Flask • Jinja3.1
SQL • PSQL • SQLAlchemy
MongoDB
Familiar:
Git & Github • Docker
Heroku • Windows-IIS
LaTeX
OS:
MacOS • Windows

EXPERIENCE

PIECES | Developer Advocate Intern
Aug 2022 | San Francisco, CA

EAGLE OF VA | Full Stack Developer
March 2021 - Present | Richmond, VA

Eagle Projects Console | GitHub
Stack: Flask, Jinja, PSQL, Vanilla JS
- Authentication, Confirmation Emails for registering with company email's
- Multi-level user accounts, with varying controls
- Custom API and Client Side AG-Grid rendering
- CRUD functionality using Flask-SQLAlchemy as the ORM for PSQL database

Revtec
.NET framework, Winforms, Revit API
- Auto-Generate building estimates from Revit to Excel using RevitAPI
- Algorithm to compare estimates, auto-save comparison reports to Excel
- Custom design workflows to automate building modelling

PROJECTS

MESSAGE.LY | Express, Bcrypt, Authentication
Github Link
- Message.ly is a user-to-user private messaging app.
- anyone can login or register. Logged-in user can see the list of users, only that user can view their get-user-detail route, or their from-messages or to-messages routes.
- Only the sender or recipient of a message can view the message-detail route. Only the recipient of a message can mark it as read any logged in user can send a message to any other user
- Tests for user's class, registration methods.

HACK-OR-SNOOZE | Flask, PSQL, Jinja
Github Link
- Based loosely on a popular one called Hacker News). It will allow users to create accounts, log in, create articles, mark articles as favorites, and more!
- Classes and methods for the big data ideas: a Story class for each story, a StoryList class for the list of stories, and a User class for the logged-in user (if any). These methods also handle interacting with the API.
- Functions for the UI, handling things like reading form values from forms and manipulating the DOM.

PLAYING CARDS, HEARTS | React, Deck of Cards API
Github Link
- React app that displays a deck of cards, one card at a time. When the page loads.
- The ability to shuffle the deck, so that you can start drawing from a full deck without refreshing the page. Extending this app, into Hearts game - using Socket.io and auth for players to join a game with auto generated code.