

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.