Krishna Mulloth

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SKILLS

Languages: Python, Javascript, HTML5, CSS3,
Frameworks/Tools : React, Redux, Express.js, Node.js, Flask, SQLAlchemy, SQL, PostgreSQL, AWS S3

PROJECTS

EarFruit | **Repo** *(React, Redux, Python, Flask, SQLAlchemy, Alembic, CSS3, AWS S3, Heroku)*
Clone of Spotify
- Reduced Server load by utilizing AWS S3 to store and retrieve mp3 and image data, resulting in improved site-wide performance
- Implemented the React music player API to dynamically handle queuing and playback of collections of media.
- Employed GitHub's version control system to effectively collaborate with 3 other team members, working with a modular approach separating features, increasing productivity output and workflow.

Foodi | **Repo** *(React, Redux, Express.js, Node.js, Bcryptjs, Google Maps API, CSS3, Sequelize, PostgreSQL, Heroku)*
Clone of Yelp
- Implemented Google Maps API with geocoding to store and display user generated businesses on a map.
- Utilized ReactJS and CSS3 webkit to create interactive image carousel components with custom animations.
- Built a secure user authentication system, utilizing Bcrypt to hash and salt passwords, strengthening protection of user data

Checkoff | **Repo** *(React, Redux, Python, Flask, SQLAlchemy, Alembic, CSS3 Heroku)*
Clone of Todoist
- Incorporated modals and dynamically rendered elements derived from CRUD actions to improve UI and UX.
- Utilized state management of Redux to directly manage data for simple form inputs and submissions for the user while improving DRY readability of the codebase, leading to improved scalability.
- Implemented dynamic search that filters results from database and is capable of inline update actions on queried items.

EXPERIENCE

NJ Community Development Center - *Afterschool Tutor*
Oct 2020 - Jul 2021
- Instructed class sizes of 8-12 high school honors students on a consistent schedule of 1 study hall and 1 subject class a day
- Designed, implemented and taught curriculums for incoming high school students in multiple subjects including programming, chess, debate, graphic design and media analysis.
- Responsible for helping students understand material and learn in a way most beneficial for them, maintaining atmosphere conducive to learning, and writing reports for each session

Accel Learning - *SAT Test Prep/Robotics Tutor*
Sept 2016 - Jul 2018
- Prepared high school students for math portions of SAT and ACT standardized tests
- Analyzed individual student weaknesses to develop personalized learning strategies
- Designed, Implemented and taught Robotics course for novices utilizing Vex Robotics kits.

EDUCATION

App Academy - Remote - 1000+ hour software engineering bootcamp
Jan 2022 - Oct 2022

Bergen Community College - Paramus, NJ - *Pursued Associates of Science in Computer Science*
Aug 2016 - May 2017