Los Angeles, CA   github.com/Al3xand3r11

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Brandon Nance

Skills

Java | Javascript | Git | State Management | React.Js | Node.Js | Nest.Js | Agile Development | Linux | Typescript | Jira | CI/CD | Vitest | MongoDB | Postgres | Docker | Python | REST Api | Figma | Golang | AWS | Three.js

Experience

Paramount   **September 2022 – Current**
Software Engineer   *Los Angeles, CA*

- Transformed my role from front end to full stack through leading sprint sessions involving the mockup, discussions and ultimately the creation and implementation on a backend service of a vital internal tool that did not exist with one previously
- Developed a nest.js service that determines permissions for a user based on if the query returns a 'dev', 'stage' or 'prod' instance resulting in fewer mistakes from customers within different orgs
- Implemented a docker instance that maintains the integrity of the nest.js backend server to hide important api keys using armada as well as reduce error within users build environments
- Constructed Nest.Js backend api endpoints that allowed video uploads to Paramount aws s3 bucket
- Created a postgres database that stores user preferences for the site in a JSON blob and returns features like dark mode, channels, and more based on their email credentials

Projects

'*What's The Play*' Podcast 2.0   **August 2023 - Current**
Software Engineer/Product Manager - whatstheplaypod.com

- Designed a fullstack React application with database communication and automatic emailing increasing the probability of user engagement
- Created a node.js backend that in 15 minute intervals retrieves data from live NBA games and displays them to customers within a viewable card
- Conducted frequent team meetings in a scrum style with members of the podcast to determine pain points and judge priorities for the web application and how we can serve our 100s of weekly viewers
- Utilize the ESPN RSS feed to to continuously scrape data as JSON, parse and serve within a carousel for members to stay informed

Personal Portfolio - *brandonnanceportfolio.com*

- Developed a web application using Next.js, Node.js, and Typescript
- Utilized Email.js to handle form submissions and communication with customers

Flight Prediction Model - *https://github.com/Al3xand3r11/pythonProject*

- Preprocessed data and cleaned it to produce the most accurate results
- Used sklearn for training regression model and random forest regressor to test strength of regression score
- Finished with hyperparameter tuning to maximize my model's predictive accuracy

Vehicle CRUD application - *github.com/Al3xand3r11/go-react-project*

- Implemented a React.js and bootstrap front end to visualize the updates and changes to the cars within the inventory
- Created a Golang backend that connected to MongoDB and working get all, get by color, delete and update of all the components within the MongoDB database

Education

Bachelor of Science in Computer Science   **Towson University**

Software Engineering | Data Structures and Algorithms | Object Oriented Programming | Database Management | Operating Systems | Web Development | Cryptography | Calculus 2 | Data Networks and Communications