

Jonathan Sicherman

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Skills

Javascript • React • Node.JS • Express.JS • MongoDB • Firebase • Redux • NoSQL • Git • UML • Design • Python • HTML/JSX/CSS • Bootstrap • Material UI

Experience

Lockheed Martin Corporation

FULL STACK DEVELOPER

New York, NY

2021–Present

- Revamped the UI of a company wide internal tool using current frontend technologies (e.g., React, Node.JS, Express.JS) with senior and staff level engineers
- Adhered to uniform KISS/DRY and Object Orientated Programming principles during implementation of design patterns
- Solved complex problems around unique sets of data structures relevant to frontend user data consumption
- Experience with overall API design patterns in conjunction with Fetch, Ajax, and Axios libraries to request relevant data from databases for frontend UI interaction
- Experience with UML use case and sequence design diagrams during the migration process of legacy code
- Developed in a CI/CD environment (Atlassian) as new requests/user feedback formed new scopes of software and UI development
- Familiar with cloud development and other serverless technologies

CMMG - Digital Agency

FULL STACK DEVELOPER

New York, NY

2019–2021

- Collaborated with other co-developers for agency clients ranging from real estate brokers to small/medium size business owners
- Created unique database models suited for both apartment searching and individual room searching for an NYC based real estate brokerage
- Implemented Google Maps, PayPal, and Active Campaign APIs within projects for agency clients
- Added new components to projects; introduced a user product reviews component as well as a unique product ordering component

Projects

Administrative UI Card Framework

*Javascript, React, Fetch, Axios,
Node.JS, HTML/JSX, CSS*

- This project for Lockheed Martin Corporation was centered around developing an internal "card" viewing UI tool that displayed relevant data pertaining to various administrative updates, roles, and actions that the site admin team could use to accomplish various administrative goals.
- These separate card views were used to approve/disapprove new user access rights via API calls
- Approve/disapprove, and/or run audit jobs by integrating with APIs that subsequently ran backend python scripts for internal business purposes
- Cards that notified site users about current and upcoming site wide system messages,
- As well as card views that offered similar functionality to that of postman where users could utilize various api calls (get/post/put/delete) of third party and/or internal apis for data collection purposes

File Storage Tool

*Javascript, React, Python, Django,
Jinja, HTML/JSX, CSS*

- Helped design alongside staff engineers an internal file storage tool that utilized the file structure of the codebase as its own UI component.
- Users could upload files as well as create working trees of folders within the codebase. all while resembling a ui similar to that of google drive.
- Users had the ability to also edit and delete their own files and folders. admins had the ability to manipulate all files and folders across the tool.

User Access Management Table

*Javascript, React, Fetch, Django
Rest Framework, HTML/JSX, CSS*

- Designed and developed the UI of a table based approach for managing user access rights for an internal tool through various API requests to the database.
- Admins were able to grant users general access to the internal tool, as well as upgrade their access rights within the same table. Admins were also able to remove or make specific users inactive.

Cribs NYC - Real Estate Brokerage

*Javascript, Python, Django,
Postgres SQL, Bootstrap*

- Participated in the development of a full stack real estate company application.
- Built database models for different aspects of the business using django and postgresql.
- The front end was built using react-bootstrap
- The goal for the project was to provide the agency client with a final product to run their entire real estate brokerage on.

- Agents and users alike could create profiles and interact with each other through built in email functionality. agents had the ability to upload and promote their own listings on the front page of the website.

The Bam Bagel Store – Syracuse, NY

Javascript, React, MongoDB, Node.js, Express.js, Redux

- Built on the MERN stack, The Bam Bagel Store provided an agency client with the ability to run his local bagel business store for the first time all online
- Client ordering and pick up scheduling systems were put in place.
- Redux was implemented as a state manager to deliver fast frontend UI experiences
- Other features added were a product reviewing system, as well as other third party payment options via api integrations like paypal and stripe.

Education

SUNY College at Oswego
PUBLIC JUSTICE

2016–2018

Onondaga Community College
CRIMINAL JUSTICE

2013–2015