

Andrew Myint

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Technical Skills

JavaScript, HTML, CSS, Bootstrap, MongoDB, Mongoose, Express.js, React, Node.js, AJAX, Git, TailwindCSS, jQuery, AWS EC2, MySQL, d3.js, Jest, Enzyme, Heroku, Redux, C, Python, SQL, NoSQL, New Relic, Artillery, Agile

Software Engineering Applications

FleetFarmingApp | Full Stack Engineer | github.com/FleetFarming | projectDesign React, Express, MySQL, Node.js, AWS

Senior Project for non-profit urban agriculture program to provide a web-based social platform for local farmers.

- Implemented a requirement, and design document to establish the exact expectations for the overall project
- Constructed a messaging system where farmers can create and manage communication with other farmers
- Utilized the Google Map API to locate the local farmers, and their farm's info with a search box, and filter options
- Integrated a farm layout with React-Konva for users to design their top-bottom view of a farm's landscapes.

Meshbnb | Back-End Engineer | github.com/sdc-dragon-stone/am-service | journal MongoDB, Express, React, Node.js, AWS

Microservice to support reviews on renting hospitality service web application designed with SOA

- Wrote a seeding script to seed 20 million entries in MongoDB under 40 minutes for efficient data population
- Benchmarked CRUD operations with New Relic and Artillery for measuring RPS, latency, and error type.
- Integrated a stress test on deployed microservice with loader.io to ensure how much traffic can be handled at most
- Scaled up horizontally from 200 RPS up to 1000 RPS with a < 1% error rate, and avg resp 164 ms, using AWS ELB

DailyHarvestClone | Front-End Engineer | github.com/rpt12-fec-ateam/Carousel MySQL, Express, React, Node.js, Bootstrap

Carousel-Item microservice for a healthy food delivery app designed with SOA

- Built a carousel microservice UI with React, Bootstrap for a more perceptive and pleasant user experience
- Implemented TDD using Jest and Enzyme to ensure the UI efficiency
- Constructed UI with Style-Components to keep concerned of styling and avoid CSS conflict
- Deployed & connected the service, the database, and the proxy server to AWS EC2 t2.micro instances

Experience

Full-Stack Developer | MakeSoil.org 2021 - Current

- Write modern, performant, maintainable code for a diverse array of features requirement
- Provide continuously maintenance and development of bug fixed for existing web platform
- Work with a variety of different technologies, and frameworks, such as JavaScript, TypeScript, React, and GraphQL
- Communicate with the development team and product managers to ideate software solutions

GUI Developer | Florida Institute of Technology 2019 - 2021

- Developed and shipped a highly interactive GUI web application for Embraer using React.js
- Built and shipped various kinds of data visualization GUI related to manufacturing operations data with D3.js
- Prototyped and implemented a real-time Gantt chart to monitor the technician labor hour on/off
- Contributed to creating a custom scheduling calendar by enhancing the existing open-source code

Education

Florida Institute of Technology | Computer Science 2021

Hack Reactor @Galvanize | Advanced Software Engineering Immersive Program 2019

Eastern Florida State College | Associate in Arts Degree 2018

Personal

Some of my hobbies include playing table tennis, working out at the gym, and performing card magic tricks.