

# JOSEF SHOHET

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## SKILLS

*Languages:* C#, Javascript, HTML, CSS, TypeScript

*Libraries/Frameworks:* React, Next.js, TailwindCSS, Bootstrap, Node.js, Express.js, Redux, Discord.js

*Testing:* Jest

*Other Technologies:* SQL, MongoDB, Git, Docker, AWS, Figma, Vercel

## PROJECTS

*Chou bot:*

- Created a Discord bot that responds to users in a sarcastic manner using GPT 4.0, and made it able to respond using people's names rather than ID numbers
- Implemented several administrative commands such as banning, kicking, timing out users, and creating roles implemented using Discord.js
- Constructed a levelling system as well as a daily bounty and a command to check both using Mongoose, Express.js and MongoDB Atlas for the database
- Hosted using a Docker container on AWS serving around 20 people

*Plush Store:*

- Created a shopping experience with a persistent shopping cart state using React's Context API in Next.js
- Implemented a responsive design using TailwindCSS media breakpoints to ensure optimal user experience across all devices
- Introduced filtering options, allowing users to find products based on sizes and prices
- Added alerts for shopping cart actions using React-Toastify, as well as error handling

*Exchange Global:*

- Designed and created a currency exchange rate application, showing exchange rates based on user choice of currency and quantity that consumes the Fawaz Ahmed currency API
- Implemented pagination for the list of currencies that updates dynamically with searching using NextUI for styling the page menu
- Employed a responsive UI design with light and dark modes using the Next.js native theme provider as well as TailwindCSS

*Task Driver:*

- Developed a To-Do list application that allows you to show items by category, create new categories, as well as "created" timestamps employing a Redux store to be able to sort list items
- Utilized Local Storage to store the user's name and to-do list items between uses
- Implemented a completion and deletion system for each item as well as feedback using toasts and a theme switch

## WORK EXPERIENCE

### Freelance Software Developer

November 2023 - Present

*Raider's Digest:* Creating a guide website for Final Fantasy XIV per commission, translating Figma designs to a Next.js application. Employing a Redux store backed by Local Storage to manage the application's states and ensure a less cumbersome user experience by remembering options. Using NextUI and MaterialUI for tab, dropdown, tooltip, and timeline components. Once released, will be updating and changing website design and routing based on user feedback.

*ZhongLiBot:* A simple commissioned Discord roleplaying bot replicating Zhong Li from Genshin Impact that picks random quotes and pictures to embed in response to slash commands. Backed by a JSON file for quotes and picture URLs from Imgur. Hosted using a Docker container on AWS.

### The Country Club

Irrigation Manager | March 2019-February 2022

- Oversaw the irrigation system and handled all repairs necessary as well as system audits and upgrades
- Managed, planned, and executed a wide range of irrigation construction projects and timelines in concert with golf course expansion projects
- Overhauled the watering system to not use excess sprinklers nightly and calculated time to water certain areas resulting in about 30% water saved over previous years

## EDUCATION

### University of Massachusetts - Amherst | 2013-2016

Bachelor of Arts: Economics with a Minor in Mandarin Chinese