

Josef Shohet

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TECHNICAL SKILLS

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

Libraries and Frameworks: React, Next.js, Node.js, TailwindCSS, Bootstrap, Redux, Discord.js

Testing: Jest

Other Technologies: SQL/Postgres, MongoDB, Git, Docker, AWS, Figma, Vercel

PROJECTS

- **Chou Bot:** Created a Discord bot that responds to users' messages in a sarcastic manner using **GPT 4.0**. Implemented several administrative commands such as banning, kicking, timing out users, and creating roles 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. Introduced filtering options, allowing users to find products based on sizes and prices. Added alerts and error feedback for shopping cart actions using **React-Toastify**.
- **Exchange Global:** 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.
- **Task Driver:** Developed a To-Do list application that allows you to show items by category, create new categories, as well as "created at" 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

Self-Employed

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 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**.

Irrigation Manager

The Country Club, Brookline, MA

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.
- Reorganized and updated the watering system to not use excess sprinklers nightly and calculated time to water certain areas resulting in about 30

EDUCATION

University of Massachusetts Amherst

Bachelor of Arts Economics, Minor Mandarin Chinese

Amherst, MA, USA

September 2013 - May 2016