

# Josef Shohet

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## TECHNICAL SKILLS

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**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

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- **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

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### 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

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### University of Massachusetts Amherst

*Bachelor of Arts Economics, Minor Mandarin Chinese*

*Amherst, MA, USA*

*September 2013 - May 2016*