

Joseph Odeh

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FULL STACK SOFTWARE ENGINEER

Software Engineer with experience using the T3 Stack and strong willingness to grow skillset. Graduated with a Minor in Applied Computing where a foundational academic experience in object-oriented programming was acquired.

EDUCATION

B.S. Medical Studies	May 2022
Arizona State University West, Glendale, AZ	4.00 GPA
Minor in Applied Computing	May 2022
Arizona State University West, Glendale, AZ	4.00 GPA

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, C/C++, Java, Swift, Bash

Front-End: NextJS, ReactJS, React Query, TailwindCSS, HTML, CSS

Tools, Frameworks, Databases, and OS: Node, Vercel, tRPC, Prisma, Zod, Selenium | Electron | SQL, PostgreSQL, MongoDB, Railway | Git, GitHub, Windows, MacOS, Linux/Unix

WORK EXPERIENCE

Paradise Liquor Mini Mart, Phoenix, AZ: Software Developer	08/2021 – 05/2022
<ul style="list-style-type: none">Constructed a NoSQL, MongoDB database of 3000+ product images scraped from the web using Selenium WebDriver to be used by the store's eCommerce website on each product render.Maintained said database for the remainder of time there for any necessary corrections and addition of data.Developed various scripting tools using Python and Selenium to craft and correct numerous Excel sheets of financial data.	

RELEVANT PROJECTS

Authentication App, Personal Project Demo GitHub Design	September 2022
<ul style="list-style-type: none">Built a NextJS, mobile-first web app using the T3 Stack which includes NextAuth for authentication, tRPC for an end-to-end type-safe API built over React Query, Prisma to handle complex database queries and mutations in the backend, and Tailwind for styling according to a given Figma design.Constructed a PostgreSQL database using Railway for hosting and Prisma to design a type-safe schema for TypeScript type hinting.Persisted Sessions and User data in said database across multiple logins and according to login method via five integrated OAuth providers such as Facebook, Google, etc.Created a RESTful-based API using tRPC to create and verify user credentials and handle user data via React Query mutations.	
Cat Wiki, Personal Project Demo GitHub Design	August 2022
<ul style="list-style-type: none">Built a NextJS, mobile-first web app based on The Cat API that displays cat information and user-submitted images by breed on statically generated pages using dynamic routing.Handled complex components such as a dropdown search input box and modals using Headless UI and Tailwind for extra styling according to a given Figma design.	
Tip Calculator App, Personal Project Demo GitHub Design	September 2022
<ul style="list-style-type: none">Designed and devised a mobile-first web app with dark mode that calculates the tip for a given bill total and splits the tip and total across a given number of people.Built using Create React App at first but then ported to NextJS for increased maintainability and effortless integration with Vercel for deployment.	
IP Address Tracker, Personal Project Demo GitHub Design	July 2022
<ul style="list-style-type: none">Built a NextJS, mobile-first web app that uses the IP Geolocation API to grab the geographical coordinates of the user's IP address or any domain / IP address submitted as input and then displays the location using a React Leaflet map.	
ClipTess, Personal Project GitHub	July 2022
<ul style="list-style-type: none">Devised an open source and cross-platform application using the Electron framework that enables a user to copy text to their clipboard from an image using the screen capture tool which is then ran through Tesseract OCR for text interpretation.	