**Joseph Odeh**

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***Full Stack Software Engineer***

An innovative software engineer adept at developing robust applications with a passion for user-centric design. Specializes in full-stack development with an emphasis on front-end UI/UX, and equipped with a diverse technical skill set. Committed to staying up-to-date with industry trends to deliver optimal solutions.

**EDUCATION**

**B.S. Medical Studies** May 2022

Arizona State University West, Glendale, AZ4.00 GPA

**Minor in Applied Computing** May 2022

Arizona State University West, Glendale, AZ 4.00 GPA

**TECHNICAL SKILLS**

**Programming Languages:** C#, TypeScript, JavaScript, Python, C/C++, Java

**Front-End:** NextJS, Astro, ReactJS, Angular | Redux, React Query | TailwindCSS, Material UI, Bootstrap | HTML, CSS

**Back-End & Databases:** .NET, SQL Server, Entity Core | Prisma (ORM), PostgreSQL, Supabase, Railway, Medusa, Node, Express

**Tools, Frameworks, and OS:** Electron, Vercel, Netlify, Git, GitHub, Azure DevOps, Selenium | Windows, MacOS, Linux/Unix

**WORK EXPERIENCE**

**Freelance Web Developer**07/2023-Present

* Designed and developed a high-performance landing page for local businesses such as [The Lab Recording Studios](http://thelabrecordingstudios.com/) using **Astro**, achieving **excellent Lighthouse scores** for user experience and performance.
* Constructed an **eCommerce solution** for The Lab Recording Studios using **NextJS** for the storefront and **Medusa** (**Node** and **Express**-based Shopify alternative)as the backend, enabling them to effectively sell merchandise.
* Implemented **scheduling functionality** along with **payment integration** to facilitate clients' booking process.
* Leveraged React components within **Astro**, and utilized **NextJS** for a **responsive** and intuitive user interface, **improving client experience**.

**NextgenID, Fairfax, VA: *Junior Software Developer*** 11/2022-07/2023

* Developed a **WPF** app that demonstrated face detection services for various integrated face detection libraries and APIs, allowing the company to determine the best service to use based on performance, accuracy, and cost.
* Utilized **C#** and the **.NET** Framework to build the face detection app, working closely with APIs and documentation from companies such as **Google Cloud Vision**, **Azure Face Client**, and **Amazon Rekognition**.
* Orchestrated the full-stack development of NextgenID's Command Center tool using **ASP.NET Core**, **NextJS**, and **Material UI**. Facilitated seamless real-time data synchronization between the central dashboard and over **250** mock kiosks spread across 40 states, ensuring precision in **98%** of data transmissions and enhancing operational efficiency.

**Paradise Liquor Mini Mart, Phoenix, AZ: *Software Developer*** 08/2021 – 11/2022

* 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](http://authentication-app-smoky.vercel.app/) | [GitHub](https://github.com/oudajosefu/AuthenticationApp) | [Design](https://devchallenges.io/challenges/N1fvBjQfhlkctmwj1tnw) September 2022

* Developed a **NextJS**, **mobile-first** web app utilizing T3 Stack: NextAuth for authentication, tRPC for an end-to-end type-safe API over **React Query**, **Prisma** for complex database queries and mutations, and **Tailwind** for styling according to a Figma design.
* Designed a **PostgreSQL** database using **Railway** for hosting and Prisma for a type-safe schema, facilitating TypeScript type hinting.

**Cat Wiki, *Personal Project*** | [Demo](http://cat-wiki-master-three.vercel.app/) | [GitHub](https://github.com/oudajosefu/CatWiki) | [Design](https://devchallenges.io/challenges/f4NJ53rcfgrP6sBMD2jt)August 2022

* 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.