Justin Kinard Tulloch
jkinardtulloch@gmail.com
Pennsylvania | Enthusiast Software Engineer | Portfolio | Linkedin

Education

PENN STATE UNIVERSITY State College, PA
In lieu of a Bachelor Degree 2025

Technical Skills

Programming Languages: Javascript, Typescript, HTML5, Python
Frameworks and Databases: React, Next.js, Redux, Angular, Supabase, Firebase, MongoDB
Operating Systems: WLS2, Vim(with Linux), Dockers Environment

Experience

MAADSOUNDS.COM   Remote, Nov 2022 - Apr 2023
Software Engineer Freelancer

- Collaborated remotely with a local music composer to develop a web-based ecommerce application, which successfully facilitates the sale of digital music products.

- Developed, tested, and facilitated payment integration using **Stripe API**, ensuring a seamless user experience.

- Optimized **Javascript** profiling and performance tuning techniques that increased the system's performance by up to 40x, resulting in a more efficient and faster **Next.js** ecommerce platform.

J-JPARAMS   Remote, Oct 2022 - Jan 2023
Software Engineer Contributor

- Managed over four projects involving three engineers, effectively improving the capabilities of the web-based application.

- Contributed to a Github organization with non-confidential improvements necessary for the projects.

- Handled multiple tasks, including creating mockups, outlining user flow, and implementing and evaluating code.

Relevant Projects

GIPHY APPLICATION   Github Project- 7/22/2022
-   Developed a visually and user-friendly GIPHY clone website with a modern frontend stack including advanced HTML5, CSS Grid Systems, OOCSS, with **Javascript/ jQuery**.
Tools and Technologies: Javascript, React.js, Css

WAREHOUSE-MANAGEMENT-TOOL   Github Project- 10/1/2022
-   Designed a full-stack web application that manages shipments and cargo inventory. Focusing on reducing query time to the database from **1700 ms** to **15ms** with data fetching.
Tools and Technologies: Javascript, Next.js, Redux, Bootstrap, MongoDB

DRINKSERVICE (REST API)   Github Project- 9/22/2022
-   Published developer-oriented Rest-API, manages Alcoholic drink recipes and orders using Django, and Azure Cloud. Established an error request model for fetched data in Django using best Python practices.
Tools and Technologies: Django, Python, MySQL