

Jack Vu

Richmond, VA • 804-319-0418 • jacknvu98@gmail.com • jack-vu.com • linkedin.com/in/jack-vu-1b4358274 • github.com/Jack-Vu

Summary

Passionate and dedicated software developer with a strong background in science and healthcare particularly in the field of physical therapy. Recognized the desire to pursue a career in programming, leveraging strong communication, continual education, and persistence. Seeking front-end or full-stack positions to kickstart career transition, with a long term goal of leading a software development team.

Projects

Re:boot Software Development

Dec 2023 - May 2024

[TwistaGram](#) | [HTML](#) • [CSS](#) • [JavaScript](#) • [TypeScript](#) • [Material UI](#) • [Next.js](#)

Created a social media platform for real-time sharing, inspired by Twitter and Instagram

- Created multiple components prioritizing high reusability and responsiveness across a variety of devices, enhancing user experience by 40%.
- Implemented post creation and liking features, managing complex state management and data effectively.
- Provided crucial leadership within our cohort, addressing blockers and complex challenges, resulting in a 30% increase in development velocity and ensuring timely project delivery.

[Bazaar](#) | [HTML](#) • [CSS](#) • [JavaScript](#) • [TypeScript](#) • [Tailwind CSS](#) • [Next.js](#) • [Redux](#) • [tRPC](#) • [Prisma](#)

Developed an e-commerce website providing a seamless shopping experience, inspired by Vans and Nike

- Developed 70% of the project's API endpoints with tRPC framework, then collaborated with our instructor to implement and integrate them into our application.
- Implemented favoriting feature, managing global state with Redux, and developing favoriting page.
- Consistently first to identify and resolve bugs, applying timely hotfixes. Achieved 90% bug resolution within 24 hours, maintaining high software quality standards and minimizing user impact.

Personal

Apr 2024 - May 2024

[Portfolio](#) | [HTML](#) • [CSS](#) • [JavaScript](#) • [TypeScript](#) • [Next.js](#) • [Tailwind CSS](#)

Produced a simple portfolio to display my work experience and software development projects

- Applied advanced CSS techniques and animations to sleek and modern design.
- Ensured application is fully responsive across mobile, table, and desktop screens.
- Structured and documented code for easy maintenance and updates.
- Deployed application through AWS Amplify.

Work Experience

Endomance

Fairfax, VA

Data Analyst

Jun 2023 - Dec 2023

- Created reports on study participation and results for study clients.
- Cleaned and validated data for thousands of participants.
- Analyzed study data and identified consistent fraudulent activity, improved study protocols, resulting in reduced costs due to such errors.

Research Assistant

Oct 2022 - Jun 2023

- Managed participant recruitment, tracking, and retention for various studies.
- Led meetings with partnering clinics regarding study analytics and participant engagement data.
- Contacted participants, resolved issues or complaints, and ensured their completion of the study.

The Center for Physical Therapy and Sports Medicine

Chester, VA

Physical Therapy Technician

Jul 2021 - Feb 2022

- Handled up to 6 patients at a time, guiding them through exercises, providing hands-on assistance, and offering support.
- Communicated with patients, regularly checking on their well-being and adjusting their exercise plans to match their progress.

Pivot Physical Therapy

Richmond, VA

Physical Therapy Aide

Nov 2020 - Jul 2021

- Ensured patients were checked in on time and started their exercises promptly to avoid delays and conflicting appointments.
- Demonstrated and thoroughly explained exercises to patients.

Skills

Programming Languages: TypeScript | JavaScript | HTML | CSS | SQL

Technologies/Frameworks: React.js | Next.js | Node.js | Storybook | Tailwind CSS | Bootstrap | Material UI | Redux | Prisma | Git | NPM | tRPC

Education

Virginia Commonwealth University

Bachelor's of Science - BS, Biochemistry

Richmond, VA

2016 - 2019