Biraj Lamichhane

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EDUCATION

Huston-Tillotson University — Austin, TX
Bachelor of Science in Computer Science — Aug 2024 – May 2028

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript, TypeScript, Python, MongoDB, Solidity
Frameworks: React.js, Next.js, Express.js, Tailwind CSS, Bootstrap, Hardhat
Developer Tools: Git, VS code
Libraries: Redux Toolkit, React Query, GSAP, Ether.js

EXPERIENCE

Software Engineering Intern — March 2024 – June 2024
Supreme IT Solution
- Contributed to the frontend development of a multi-tenant voting application and dashboard using Next.js and TypeScript, styled with SASS and Tailwind CSS.
- Redux Toolkit and Redux Thunk were used for state management.
- Contributed to the development of organizational dashboard which is used to display voting results.
- Studied the code base and made modifications to inbuilt projects to enhance functionality.

Computer Lab Assistant — August 2024 – Present
Huston-Tillotson University
- Provides instruction to students about proper use of computer equipment, tutors students in order to assist them in their understanding and use of multiple software programs.

PROJECTS

House Explorer | *Next JS, TypeScript, Redux Toolkit* | *(here)*
- Web application built with Next.js and TypeScript that allows users to explore houses with a booking feature.
- Utilizes Redux Toolkit, dynamic routing, image/font optimization, and middleware concepts.
- Implemented filters for location and price that enable users to find the home that matches their criteria.

TechInfo | *Next JS, TypeScript, Redux Toolkit, MongoDB* | *(here)*
- Developed a full stack web application using Next.js as (Frontend-Backend) and MongoDB that allows users to upload tech-related posts with images.
- Includes dynamic routing, middleware, image/font optimization, and full CRUD operations (POST, GET, DELETE, PUT).
- Users need to sign in to make a post, edit, and delete their own post.

Virtual Reality Website | *React JS, TypeScript* | *(here)*
- Website built with React.js and TypeScript that features multiple pages, including a Home page, Testimonials showcasing what Virtual Reality Technology can offer.
- Used simple animations with GSAP to enhance user experience.

Product Store | *Next JS, TypeScript* | *(here)*
- Web app built with Next.js where user can explore products and add them to their cart.

Extracurricular Activities

Member, Apple Coding Club
Member, The National Society of Black Engineers (NSBE)