# Muhammad Babar

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## EDUCATION

**National University of Sciences and Technology** — Islamabad, Pakistan
*Bachelor of Software Engineering* — *Oct 2020 – Jun 2024*

## EXPERIENCE

**Technical Development Specialist** — June 2023 – Present
*Total School Solutions* — *Fairfield, United States*
- Developed the main website for TSS using NEXT.js, enhancing user experience and optimizing performance.
- Implemented SEO best practices, resulting in improved search engine rankings and increased organic traffic.
- Administered and maintained an LMS website, overseeing course content, user administration, and updates for an efficient educational platform.

**Junior Frontend Developer** — June 2023 – Oct 2023
*Bilty* — *NSTP, Islamabad, Pakistan*
- Crafted dynamic websites using HTML, CSS, JavaScript, and React, delivering engaging and responsive user experiences.
- Implemented SEO best practices and optimized website performance, contributing to increased organic traffic.
- Collaborated closely with designers and product manager to deliver high-quality products that met client requirements.
- Ensured seamless integration of design and functionality for an optimal user experience.

## PROJECTS

**Personal Portfolio Website** | *React JS, Tailwind, Material UI, Swiper Js*    link
- Created a comprehensive portfolio website to showcase my professional background, including experience, skills, projects, and testimonials.
- Developed using React.js, enhanced with Tailwind CSS and Material UI for an exceptional user experience.

**Blockchain-based Interbank Transaction Solution** | *MERN, Redux, Tailwind, MUI, Chart.js, Geth, Solidity*
- Developed a blockchain-based web application for seamless, secure, and efficient international money transfers.
- Utilized Redux for global state management, ensuring consistent and efficient data handling.
- Implemented responsive UI with Tailwind and MUI for an enhanced user experience.
- Created a private blockchain using Geth and Solidity, ensuring secure and reliable transactions.

**Homyz** | *MERN Stack, Auth 0, MUI, Mantine Dev, React Leaflet*    link
- A cutting-edge real estate platform allowing users to seamlessly book property visits and explore potential homes.
- Built using the MERN Stack and integrated Auth0 for secure and seamless user authentication.
- Utilized React Leaflet for interactive maps, enhancing the user experience by enabling detailed property location visualization.

**HiLink** | *NEXT JS, TypeScript, Tailwind CSS, Material UI*    link
- HiLink is an innovative camping travel app designed to ignite the spirit of adventure in every outdoor enthusiast.
- Developed using NEXT.js and TypeScript, it offers a seamless and intuitive frontend experience, bringing a world of camping destinations right to users' fingertips.
- Enhanced user experience with Tailwind CSS and Material UI for responsive and visually appealing design.

**Enigma** | *MERN Stack, Redux, and Tailwind CSS*    link
- Developed a comprehensive website showcasing Enigma's innovative proprietary hardware encryption platform and cybersecurity solutions.
- Ensured the website effectively communicates Enigma's mission, services, and commitment to digital security across across sectors such as Defense, Government, Intelligence, Healthcare, Manufacturing, and NATO partners.
- Implemented Redux for efficient global state management.

## TECHNICAL SKILLS

**Languages**: HTML, CSS, JavaScript, TypeScript, C++
**Frameworks**: Next.js, Node.js, Express.js, Bootstrap
**Developer Tools**: Git, GitHub, VS Code, PyCharm, IntelliJ
**Libraries**: React.js, Redux, Material UI, Tailwind CSS, Mantine Dev, Chart.js