

KHIZER HAMEED

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Portfolio: khizerhameed.com

PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience building scalable web applications using React.js, Next.js, TypeScript, Node.js, and Redux. Proven expertise in Web3 integration (Web3.js, Ether.js), healthcare technology platforms, NFT marketplace development, and frontend architecture. Experienced in REST API integration, CI/CD pipelines, AWS EC2, and Agile development workflows. Strong track record of leading frontend migrations, delivering reusable component libraries, and mentoring engineering teams.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS

Frameworks & Libraries: React.js, Next.js, Redux, Redux Toolkit, Node.js, Express.js, Tailwind CSS, Bootstrap, Material UI, Jest, Cypress

Web3 & DeFi: Web3.js, Ether.js, Moralis, Subgraph, Metamask

Tools & Platforms: Git, NPM, Yarn, Vite, Webpack, Vercel, AWS EC2, Docker, CI/CD, REST APIs, MongoDB

Soft Skills: Team Leadership, Technical Mentoring, Problem Solving, Communication, Agile/Scrum

WORK EXPERIENCE

Senior Software Engineer | Datarovers | United States (Remote)

January 2024 – Present

- Developed and maintained healthcare web applications for tracking and analyzing claim revenue cycles.
- Built scalable frontend architectures using React.js, Redux Toolkit, and TypeScript.
- Developed chatbot web applications for healthcare policy guidance using React.js and Microsoft Azure.
- Integrated REST APIs for healthcare data with robust error handling and optimized loading states.
- Collaborated with cross-functional teams to align UI/UX with healthcare business requirements.
- Implemented unit and integration tests using Jest to ensure high code quality and reliability.
- Contributed to CI/CD pipeline improvements and deployment automation strategies.

Senior Software Engineer | OptimusFox | United States (Remote)

February 2022 – December 2023

- Developed and deployed full-stack web applications across multiple production environments.
- Conducted unit and integration testing of REST APIs ensuring reliability and performance.
- Integrated Web3 functionality with React.js and Node.js using Ether.js for NFT and DeFi platforms.
- Designed and implemented architecture-level solutions for scalable front-end applications.
- Created reusable component libraries and custom React hooks to accelerate development.
- Managed global application state using Redux.js and Redux Toolkit.
- Developed middleware layers to reduce redundant code and improve maintainability.
- Planned and coordinated workflow and sprint strategies across project development cycles.

Senior Software Engineer | Tributify | United States (Remote)

July 2021 – January 2022

- Architected the new frontend in React.js replacing a legacy Livewire stack for improved performance and scalability.
- Migrated key business logic and UI components from Livewire to React, enhancing user experience.
- Introduced reusable component libraries and custom hooks to streamline development consistency.
- Integrated REST APIs with comprehensive error handling and loading state management.
- Established Redux for scalable global state management across the application.

- Set up Vite bundler for faster build times and hot module reloading during development.
- Provided technical leadership, code reviews, and mentoring to ensure engineering best practices.

Software Engineer | Miranz Technologies | Pakistan

November 2020 – July 2021

- Developed the frontend of the Firestarter Web 3.0 platform from specifications to production.
- Built responsive decentralized applications (dApps) compatible with web and mobile browsers.
- Connected the frontend to smart contracts using Web3.js and Ether.js.
- Integrated third-party APIs to enhance dApp functionality and user experience.
- Established standard front-end engineering practices and documentation for the team.
- Owned and autonomously delivered well-tested, reusable, and documented code.

EDUCATION

Bachelor of Science in Computer Science (BSCS)

University of Central Punjab, Lahore, Pakistan | October 2016 – July 2020

PROJECTS

Gladiator Finance – NFT Marketplace

- Designed an NFT Marketplace for 3D gladiator NFTs with buying, listing, selling, bidding, battles, and reward collection.
- Tech stack: React.js, Redux Toolkit, TypeScript, Node.js, MongoDB, Ether.js, Web3.js, Wallet Connection.

Foxhouse NFT Marketplace

- Built a full-featured NFT marketplace with auctions, bidding, listings, and user profiles.
- Tech stack: React.js, Redux.js, Node.js, Express.js, MongoDB, Metamask, Ether.js.

Chimera NFT Marketplace

- Built an NFT marketplace with buying, selling, bidding, auctions, and marketplace commission fees.
- Tech stack: React.js, Redux.js, Node.js, Express.js, MongoDB, Metamask, Pinata Cloud, Ether.js.

Noor NFT – Digital Art Marketplace

- Developed an NFT marketplace for digital art using smart contracts.
- Tech stack: React.js, Redux, Node.js, MongoDB, Web3.js.

Eligibility Copilot & Lida Chatbot – Healthcare AI

- Developed chatbot web applications for healthcare policy guidance integrated with Microsoft Azure.
- Tech stack: React.js, Redux Toolkit, Microsoft Azure.

Dinisiium – Asset Management Platform

- Built a multi-portal asset management ecosystem (user, admin, super admin) deployed via Docker.
- Tech stack: React.js, Docker.

Click Plans – 2D/3D Home Design Tool

- Worked as a full-stack developer on a 2D/3D home design platform.
- Tech stack: Node.js, React.js, MongoDB.

Defispot – DeFi Platform

- Developed user interface and REST APIs for a decentralized finance platform.
- Tech stack: React.js, Node.js.

Flashloan Bot – Trading Automation

- Integrated and deployed a CLI-based TypeScript server bot for automated trading across exchanges.

AccadiaOne – NFT Airdrop

- Designed an NFT airdrop website using Web3 with IPFS for decentralized data storage.

Tributify – Gifting & Wishlist Platform

- Redesigned the gifting platform migrating from Livewire to React.js with Redux Toolkit for improved performance and maintainability.

Datarovers – Healthcare Revenue Cycle

- Built a healthcare web application for tracking and analyzing claim revenue cycles.