



Muhammad Faizan

Senior Full Stack Developer






About

I am a passionate Full-Stack Developer with over three years of experience specializing in the MERN stack, Next.js, and cutting-edge Web3 technologies. I have a strong command of building dynamic, scalable, and high-performance applications, seamlessly integrating frontend and backend for optimal user experiences. My expertise extends to Solana blockchain development, smart contracts, and decentralized applications (dApps), making me proficient in both traditional and blockchain-based ecosystems. I thrive on solving complex problems with clean, efficient code and staying at the forefront of emerging technologies.



Contacts

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Education

-  **MATRICULATION** (2015 -2017)
-  **INTERMEDIATE** (2017 -2019)
-  **CLOUD NATIVE (SHORT COURSE)** (2019 -2019)
-  **SOFTWARE ENGINEER (DAE)** (2022-2024)
Aligarh institute of technology



Skills

Frontend Technologies:

- Proficient in React.js, Next.js, and modern JavaScript (ES6+), TypeScript for building high-performance web applications.
- Strong expertise in Tailwind CSS, Material UI, Chakra UI, and Styled Components for seamless and responsive UI/UX design.

State Management & Performance Optimization:

- Experienced with Redux, Recoil, Zustand, React Query (TanStack Query) for state management and API data handling.
- Skilled in optimizing web apps using Server-Side Rendering (SSR), Static Site Generation (SSG), and Edge Functions in Next.js.

Blockchain & Web3 Technologies:

- Solana Blockchain Development:** Built a secure launchpad for token and NFT creation, liquidity pools, swaps, and funding systems.
- Expertise in Metaplex, Token22, Candy Machine, Core Collections, Core Assets, and on-chain/off-chain security integration.
- Developed wallet connection login systems and secured transactions using Solana SDK, Web3.js, Anchor Framework, and Rust.

Backend Technologies:

- Strong backend expertise with Node.js, Express.js, Nest.js, and MongoDB for scalable and secure applications.
- Implemented advanced logging and security mechanisms for blockchain platforms, ensuring user data integrity.

AI & Chatbot Development:

- Integrated AI-powered chatbots for industries like restaurants, finance, and medical assistance.
- Developed smart AI-driven assistance platforms for automated support, recommendation systems, and intelligent data processing.

Media Streaming & Real-Time Features:

- Implemented HLS, Plyr.io, WebRTC, FFmpeg, and React Audio Player for media streaming and real-time communication.

Version Control & DevOps:

- Proficient in Git, GitHub, GitLab, and API testing with Postman.
- Experienced in CI/CD pipelines, Docker, Kubernetes, and GitHub Actions for seamless deployment workflows.

Cloud Platforms & Deployment:

- Skilled in Netlify, Vercel, Firebase, AWS, GCP, and Cloudflare for deploying scalable applications.
- Experience with Railway, DigitalOcean, and Heroku for backend and blockchain app hosting.

Mobile Development:

- Built cross-platform mobile applications using React Native with secure authentication and API integrations.



Work Experience

○ Jan 2020– Present
Remote

Freelance Full-Stack & Blockchain Developer

- Collaborated with international clients to develop:
 - A music band portfolio website with a custom-built interactive UI and streaming features.
 - A social media platform with real-time chat, media sharing, and AI-driven content recommendations.
 - Multiple regional websites, ensuring multilingual support and SEO optimization.
- Designed and developed blockchain-based applications, including NFT marketplaces, token launchpads, and liquidity pools.
- Built high-performance applications with optimized server-side rendering (SSR) and static site generation (SSG).

○ March 2024– Present
NextchainX | Karachi

Lead JavaScript Developer

- Leading full-stack development with Next.js, React.js, and Redux, ensuring performance and scalability.
- Spearheaded blockchain integrations, including Solana, Metaplex, and secure authentication systems.
- Built high-performance applications with optimized server-side rendering (SSR) and static site generation (SSG).
- Implemented secure Web3 login systems, integrating blockchain with traditional databases (MongoDB, Firebase).

- Dec 2021– Feb 2024
Mobitising I Karachi
Senior JS Developer
 - Engineered interactive and dynamic web applications using React.js, Next.js, and MongoDB.
 - Integrated AI chatbots to enhance user experience in restaurant, finance, and medical assistance sectors.
 - Built secure, scalable backend systems for Web2 and Web3 applications, including Solana-based blockchain integrations.
- 2019 – 2021
DuneSoft I Karachi
Junior React JS Developer
 - Developed visually appealing, responsive UI/UX using React.js, MUI, and Tailwind CSS.
 - Optimized frontend performance, improving load times and user experience.
 - Worked on multiple client projects, enhancing customer engagement and retention.
- 2017 – 2019
Technosol I Karachi
Network Operator
 - Managed affiliate networks, ensuring smooth communication between advertisers and stakeholders.
 - Monitored and resolved networking issues, enhancing operational efficiency.



Projects

Blockchain Launchpad – Developed a secure and scalable platform for users to create tokens, NFTs, liquidity pools, and candymachines on Solana. Integrated wallet-based authentication, MongoDB logging, and robust security features.

Koyal.pk – Led the development of a regional music & video streaming platform, optimizing content delivery for a seamless user experience.
<https://koyal.pk>

Lynxcx – Contributed to a React Native trading app, focusing on real-time data updates via socket integration.

Music Band Website – Designed and built a dynamic single-page web app for a music band, featuring event listings, image galleries, and Firebase integration.

Travel Booking – Engineered a user-friendly platform for flight and resort bookings, ensuring a smooth booking experience.
<https://travelsbooking.netlify.app>

Stitch Cart – Created an online tailoring service connecting users with professional tailors.
<https://stitchcart.netlify.app>

SchindlersX – Built a fractional ownership platform for real assets, making investments accessible to everyone.
<https://schindlersx.io/>

Silicon Staking & CMS – Developed a Solana-based NFT staking platform and an admin panel for seamless management, authentication, and reward distribution.
<https://cockpit.silicons.io>