HAFIZ MUHAMMAD HASSAN KHAN

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PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of experience designing and delivering scalable, high-performance web and mobile applications. Skilled in React, React Native, Next.js, JavaScript/TypeScript, and Tailwind CSS for building responsive, user-focused interfaces, and experienced in backend development with Node.js, NestJS, GraphQL, and REST APIs. Proficient in working with MongoDB and SQL databases, optimizing queries, and implementing secure, maintainable architectures. Adept at integrating APIs, managing state, and delivering clean, reusable components within agile, cross-functional teams. Passionate about crafting seamless user experiences from concept to deployment while ensuring code quality, performance, and scalability.

EDUCATION

M.Sc. Global Software Development, Hochschule Fulda

Expected 2026

B.Sc. Software Engineering, University of Karachi, Pakistan

2017 - 2021

SKILLS

Technical Skills

Frontend Angular, React, Next.js, Vue.js, React Native, Tailwind CSS, HTML5, CSS3, Sass

Backend Node.js, Express, NestJS, Spring Boot, Django, FastAPI, GraphQL

Databases MongoDB, PostGreSQL

Languages TypeScript, JavaScript, Python

UI/UX Responsive design, Accessibility, Modular component design, State management

Testing Unit testing, CI/CD pipelines, GitHub Actions, Docker

Cloud and DevOps AWS Services, Firebase, Git, CI/CD

AI/ML TensorFlow, PyTorch, NLP, OpenCV, Pandas, NumPy Web3 and Blockchain Web3.js, Smart Contracts, MetaMask, WalletConnect

Tools and Platforms Git, Figma, Jira, Postman

PROJECTS

Signalist

Tech Stack: Next.is, Typescript, Tailwind CSS, MongoDB, Vercel, Inngest

Track real-time stock prices, get personalized alerts and explore detailed company insights.

StoreIt

Tech Stack: Next.js, Typescript, Appwrite, Tailwind CSS, Vercel Storage and File Sharing Platform similar to Google Drive.

EXPERIENCE

Full Stack Developer

Jan 2024 - June 2025

Drox Labs Remote

- Developed a cross-platform voice assistant using React Native, Node.js, and Python, integrating ASR and LLM-powered NLP for real-time voice commands.
- Reduced speech processing latency by 52% using asynchronous operations and caching.
- Designed reusable UI components with React Hooks, Context API, and TypeScript, improving mobile performance by 40%.
- Collaborated across teams to ensure frontend-backend integration, following agile development best practices.

Full Stack Developer

June 2023 - December 2023

BlockApex

Pakistan

• Built a multi-chain crypto wallet browser extension with React.js, TypeScript, and Web3.js, compatible with EVM-based chains.

- Decreased transaction processing time by 35% by optimizing state management (Redux) and real-time data sync.
- Created responsive, accessible dashboards with WCAG-compliant UI, supporting dark/light modes and mobile-first design.

Full Stack Developer

October 2020 - June 2023

Pakistan

• Architected the frontend for a blockchain wallet app featuring zkRollup and Layer 2 scaling—cut gas fees by 28%, improved throughput by $3\times$.

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Xord