

# HAFIZ MUHAMMAD HASSAN KHAN

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## PROFESSIONAL SUMMARY

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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

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**M.Sc. Global Software Development**, Hochschule Fulda Expected 2026

**B.Sc. Software Engineering**, University of Karachi, Pakistan 2017 - 2021

## SKILLS

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### 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, Supabase, 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

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**Converso** [Link](#)

*Tech Stack: Next.js, Typescript, Tailwind CSS, Supabase, Clerk, VAPI, Vercel*

LMS with Next.js, Supabase & Payments

**Signalist** [Link](#)

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

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

**StoreIt** [Link](#)

*Tech Stack: Next.js, Typescript, Appwrite, Tailwind CSS, Vercel*

Storage and File Sharing Platform similar to Google Drive.

## EXPERIENCE

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**Working Student - Full Stack Developer** Nov 2025 - Present  
PvFritz UG *Germany*

- Developing and enhancing user interfaces for existing web applications using modern frontend technologies.
- Collaborating with backend and AI developers to integrate new features and ensure seamless end-to-end functionality.

- Contributing to full-stack development efforts by implementing, testing, and optimizing UI components aligned with project requirements.

## 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

Xord

*Pakistan*

- Architected the frontend for a blockchain wallet app featuring zkRollup and Layer 2 scaling—cut gas fees by 28%, improved throughput by 3×.
- Integrated OpenCV and TensorFlow for facial recognition in enterprise attendance systems, reducing manual checks by 90%.
- Delivered frontend features (QR transfers, fee estimators, history views) in 2-week sprints, achieving a 98% on-time release rate

## CERTIFICATIONS

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- TensorFlow for Deep Learning Bootcamp, Udemy (Apr 2024)
- Complete A.I. Machine Learning and Data Science Bootcamp, Udemy (Nov 2023)
- SQL and PostgreSQL: The Complete Developer's Guide, Udemy (Sep 2023)
- NestJS: The Complete Developer's Guide, Udemy (Jun 2023)

## LANGUAGES

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- English (Fluent)
- German (B1)