HAFIZ MUHAMMAD HASSAN KHAN

+491786474214 ◇ Fulda, Germany

devhassankhan@gmail.com ◇ [LinkedIn](#) ◇ [Website](#)

PROFESSIONAL SUMMARY

Experienced Full Stack Developer with over 5 years of hands-on expertise in building and maintaining scalable, modern web applications. Proficient in TypeScript, React, and Node.js, with strong experience in both frontend and backend development. Skilled in integrating REST and GraphQL APIs, managing relational and NoSQL databases. Demonstrated ability to write clean, testable code using Git, automated unit/e2e testing, and agile methodologies. Passionate about driving digital transformation through scalable architecture, performance optimization, and innovative use of technologies such as LLMs, RAG, and OpenAI APIs. Thrives in hybrid team environments, with a collaborative mindset and a proactive approach to optimizing and modernizing traditional workflows.

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, NestJS, Spring Boot, Django, FastAPI, GraphQL
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

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

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

- 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

- English (Fluent)
- German (B1)