

Muhammad Hassan Rana

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SUMMARY

I'm a Full Stack Engineer with over 2 years+ of experience in developing robust web applications. My expertise lies in both frontend and backend development where I focus on creating seamless user experiences through meticulous attention to performance and innovation. I thrive in dynamic environments and quickly adapt to new technologies, facilitating the achievement of business objectives through collaborative techniques

TECHNICAL SKILLS

Programming Languages: C/C++, JavaScript, SQL, TypeScript, HTML

Frameworks and Libraries: React, Next.js, Node.js, Express.js

Backend and APIs: Node.js, Restful APIs, Stripe (as a payment gateway API)

Databases: MongoDB (NoSQL), PostgreSQL (SQL)

DevOps and Tools: Docker, Git, Github, Caching

EXPERIENCE

Mern Stack Developer

kryptohive

June 2025 – Present

Islamabad, Pakistan

- Designed and implemented a full-stack paper-trading platform simulating real-world crypto trading with Binance WebSocket and REST APIs.
- Developed robust trade logic in Node.js/Express with support for market & limit orders, simulated slippage, P&L calculation, and full portfolio management.
- Built a responsive frontend dashboard (React/TypeScript) that visualizes live charts, order depth, trade history, and dynamic profit/loss snapshots.
- Persisted users and trade data in MongoDB, enabling history tracking, backtesting, and real-time analytics.

Full Stack Engineer

QLU.ai

May 2024 – June 2025

Islamabad, Pakistan

- Built responsive, user-friendly interfaces by implementing best practices in front-end development, ensuring cross-platform compatibility and improved user engagement
- Optimized application performance by 30% through improved resource loading, caching strategies, and minimizing redundant processes, leading to faster load times and a smoother user experience
- Integrated over 30,000 executive profiles on the platform in collaboration with the AI team
- Developed incredibly useful features in collaboration with the Design and AI Teams
- Improved search accuracy by 20%, delivering more relevant results
- Developed and integrated REST APIs and managed databases for seamless data exchange and integrity
- Developed chrome extension which scrape the details of linkedIn Profiles
- Implemented a LinkedIn invite flow, enabling users to send personalized invitations directly through the platform
- Built a LinkedIn message-sending flow that allows users to automate and send customized messages to their LinkedIn connections via the platform
- Integrated Stripe payment gateway for seamless online payments, including handling payment intents, checkout sessions, and webhooks for real-time transaction updates

Full Stack Developer

PreMed.pk

Nov 2023 – May 2024

Karachi, Pakistan

- Reduced page load time by 15% by refactoring code and optimizing database queries, resulting in faster navigation
- Implemented a new feature for personalized dashboards to enhance user experience
- Contributed to improve the overall system performance, leading to reduction in server response time

- Developed their vault page for their courses

Frontend Developer

Interns Pakistan

June 2023 – Nov 2023

Faisalabad, Pakistan

- Gained hands-on experience with frontend technologies such as HTML5, CSS3, JavaScript, PHP, and WordPress
- Collaborated with the design team to transform mockups into responsive and interactive web interfaces, enhancing user experience (UX)
- Gained insight into responsive web design principles and best practices, ensuring cross-device compatibility
- Wrote clean, efficient, and maintainable code for various web projects

PROJECTS

Yoto.ai

Recruitment Automation tool for profile searching

May 2023 – Present

Next.js, Node.js, Express.js, SCSS, Stripe

- Automated Profile Searching tool that scrapes filters from prompts and search profiles, allowing users to invite their friends and colleagues to utilize the free subscription

Yoto.ai Chrome Extension

Chrome extension for LinkedIn contacts and executive search.

May 2023 – Present

React.js, Webpack cli, SCSS, typescript manifest

- A Chrome extension designed to enhance user engagement by allowing users to extract contact information from LinkedIn profiles. It also supports executive search functionalities, making it a valuable tool for professional networking and recruitment.

PreMed.pk

Online Learning Platform for Medical Students

Nov 2023 – May 2024

Next.js, Node.js, Express.js, SCSS, Tailwind

- Designed a system for medical students to assist them in preparing for medical entrance exams, including a vault for tutorial access

Brilliant Pro

E-learning application for improved learning experience

Jan 2023 – Nov 2023

Next.js, Node.js, Express.js, SCSS, Tailwind

- An E-learning application with admin panel and user management features, developed key modules to improve content delivery and integrated analytics for better user engagement insights

EDUCATION

National University of Computing and Emerging Science

Bachelor of Science in Computer Science

Islamabad, Pakistan

Aug 2019 – Dec 2023

CERTIFICATIONS

- Full Stack Web Development - Arfa Trainings Lahore