

HAMZA MEHMOOD

Full-Stack Developer

Karachi, Pakistan | [+92 311 2823179](tel:+923112823179) | hamzamehmood054@gmail.com | devhamza.tech | linkedin.com/in/hamzamehmoodd

PROFESSIONAL SUMMARY

Computer Science graduate (Bahria University, 2026) specializing in full-stack web development and AI integration. Built Almas, an AI-powered voice calling agent for healthcare intake using Twilio, OpenAI GPT-4, and Next.js, resolving 6/6 emergency test scenarios. Skilled across React, Next.js, Node.js, Python, and MongoDB, with hands-on delivery experience from freelance client projects to production-ready applications.

EDUCATION

BSc. Computer Science — Bahria University Karachi Campus Oct 2022 – June 2026

CGPA: 3.12 | Coursework: Data Structures & Algorithms, OOP, DBMS, Web Engineering, Machine Learning, Neural Networks & Fuzzy Logic, Information Security

Pre-Engineering — Cadet College Petaro (CCP) May 2016 – June 2021

Grade: 88%

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, Python, React, Next.js, Node.js, Tailwind CSS

AI & Automation: OpenAI API (GPT-3.5/4), Claude API, Twilio, n8n, LangChain

Databases & Tools: MongoDB, MySQL, Git/GitHub, REST APIs, Vercel, Render

EXPERIENCE

UNITZERO (Pvt) Limited — Data Science Intern Dec 2025 – Feb 2026

- Collaborated with the team on data science initiatives, performing data preprocessing, exploratory data analysis, and building machine learning models to derive actionable insights from structured datasets.
- Contributed to internal analytical projects, applying statistical techniques and data visualization to support data-driven decision making.

GE Solucions — E-Commerce Listing Intern Oct 2025 – Nov 2025

- Managed and optimized 100+ product listings via bulk uploads, maintaining accuracy and consistency across the store.
- Supported inventory tracking and performance reporting, contributing to improved store efficiency metrics.

Fiverr (Client: MichaelThal.com) — WordPress Developer Jan 2025 – May 2025

- Designed and delivered a fully responsive, SEO-optimized personal website for a professional author, managing all communication and revisions independently.

KEY PROJECTS

Almas — AI-Powered Voice Calling Agent | Final Year Project 2025 – 2026

Twilio · OpenAI GPT-4 · Next.js 14 · MongoDB · Tailwind CSS

- Built an end-to-end AI voice agent for healthcare facilities that answers inbound calls 24/7, transcribes speech, and classifies caller intent with no human intervention.
- Implemented dual-layer emergency detection (keyword matching + GPT-4 intent classification), resolving 6/6 emergency test scenarios; built a real-time admin dashboard for call logs and alerts.

SmartPOS & Stock Price Prediction App | Academic Projects 2024

- SmartPOS: React/Node.js/MySQL point-of-sale system with real-time billing and inventory management.
- Stock Predictor: Python/scikit-learn model forecasting stock price trends with live visualization dashboards.

CERTIFICATIONS

- Certified Professional Safety Practitioner (CPSP) — Safety management, risk assessment, emergency response
- Enablers E-Commerce Business Training Program — Amazon FBA, product research, competitive pricing