

# Hassan Shahzad

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## PROFESSIONAL SUMMARY

Passionate and detail-oriented Software Developer with experience in building admin portals, job platforms, and dynamic web applications. Proficient in both frontend and backend development using HTML, CSS, Bootstrap, React.js, Material UI, Tailwind CSS, Node.js, Express.js, and WordPress. Skilled in SEO optimization and deployment using PM2, Docker, and AWS. Achieved 3rd place in a university competition for a final-year project and completed an internship at the National Information Technology Board (NITB), further strengthening development expertise. Thrives in fast-paced, collaborative environments and is always eager to take on new challenges and emerging technologies.

## TECHNICAL SKILLS

### FRONTEND

HTML, CSS, React,  
Bootstrap, Tailwind CSS,  
Material UI . Elementor  
(WordPress)

### BACKEND

Node.js, Express.js, Flask  
**DATABASE**  
Mongo, SQL

### TOOLS

Git, Nginx

### FRAMEWORK/TECHNOLOGIES

DOCKER, PM2, AWS

## PROFESSIONAL EXPERIENCE

### Quantum Communications

Sep 2025

#### Web developer

Islamabad, Pakistan

Built dynamic WordPress sites with custom RSS integration and forms, and developed a plugin for Fund Listing and Application submission with smooth user workflows.

### Verso

Oct 2024-July-2025

#### Backend Developer

Cheyenne, WY, US

Developed and maintained admin portals for Medivo (medical billing) and A2Z Appliances (blogs), ensuring intuitive interfaces and efficient functionality. Designed and implemented a job portal for Verso, enhancing user engagement and streamlining job searches. Gained hands-on experience in deployment processes using PM2 and Docker on AWS, ensuring scalable and reliable application hosting.

### National Information Technology Board

July 2022 - July 2022

#### Frontend Intern

Islamabad, Pakistan

2-week internship at NITB. Helped me improve my front-end skills in HTML CSS.

## PROJECTS

**Chatting Application:** Developed a real-time chatting application using Socket.io. Features include sending PDF files, Word documents, images, videos, and video calling using WebRTC.

**SmartDial (Final Year Project):** Implemented voice separation for employee and client, emotion detection, hate speech detection and sarcasm detection. Audio training for employees in low-pressure environment.

**E-commerce Store:** Developed an online store featuring product display, sorting, and cart functionality.

## EDUCATION & CERTIFICATIONS

### Comsats University (Islamabad)

Bachelor of Computer Science  
2020-2024

### Beaconhouse Margalla campus

A'levels  
2017-2019

### Beaconhouse Margalla campus

O'levels  
2014-2017

## CERTIFICATIONS

### MERN Stack Fundamentals

Issued by: Great Learning Academy

## LANGUAGES

Urdu: Fluent  
English: Fluent  
French: Intermediate