

Umar Shoaib

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WORK EXPERIENCE

Senior Full Stack Developer - NexlTech

8 Months Experience

- Developed and tested multiple web applications using MERN and Laravel stacks. Created robust APIs for mobile applications with strong backend logic. Collaborated with frontend teams for smooth integration and performance optimization.

Freelance Full Stack Developer

1.5 Years' Experience

- Delivered full-stack web and mobile solutions to various clients. Led project lifecycle from requirement analysis to deployment. Specialized in scalable backend systems and API-first development.

Full Stack Development Instructor - Whiz Institute

(TEVTA Affiliated)

1 Year Experience

- Delivered practical and theoretical sessions on full-stack development. Mentored students in real-world projects and industry standards.

SKILLS

LANGUAGES: Java, C++, C, JavaScript, PHP, Python

FRONTEND: HTML, CSS, React.js, React Native, Bootstrap

BACKEND: MySQL, Laravel, Node.js, Express.js, MongoDB, Firebase, Postman

OTHER: Machine Learning (Basic ML), API Development, Data Structures, Algorithms

SOFT SKILLS: Adaptability, Communication, Team Work, Time Management, Emotional Management.

EDUCATION

BACHELOR (In Process - Final Semester)

GIFT University, Gujranwala

3.2 / 4.00

COURSEWORK

Object Oriented Programming

Data Structure and Algorithms

Database

Web Engineering

Mobile Computing

Software Quality Engineering

Formal Methods

PROJECTS

Vibelyt Full Features (Music Application)

- Developed a comprehensive music application backend with features including music upload/history, user activity, email verification, notification center, admin logs, ad integration, music reporting, in-platform analytics, artist fanbase, audio quality checks, dynamic playlists, deep analytics, local talent discovery, offline listening, smart queue, multi-device support, crossfade, equalizer, social listening, reviews, artist profiles, dynamic lyrics, album/single management, AI recommendations, platform statistics, automated content moderation, and gift card system. Created and tested associated APIs.

Stage.nexltech.com

- Developed a MERN stack website for a software house, managing employee details, project information, and other internal operations.

Yachting/Freelance Crew Member App Backend

- Developing and testing the backend for a multi-role mobile application (Yacht Owner/Recruiter, Freelance Crew Member, Admin) with functionalities for user authentication, job posting/management, crew profiles, messaging, booking, and administrative oversight.

ElevateInTune Mobile App Backend

- Developing the backend infrastructure for the "ElevateInTune" mobile music application.

Whiz Academy Full-Stack Website (MERN Stack)

- Developed a MERN stack website for Whiz Academy, a TEVTA affiliated institute, for short course information.

Real-Time Exam Cheating Detection (FYP)

- Developed an intelligent monitoring system using YOLO object detection models. Detected suspicious activities such as mobile usage, head turning, smartwatch presence. Integrated with camera hardware to generate real-time violation alerts and reports. Led the machine learning component and submitted research paper for publication.

Similarity Detection System (Flask API)

- Built a similarity analysis model and deployed as a Flask API. Provided real-time match scoring with color-coded visual feedback. Integrated into mobile application backend for content analysis.

Career Counselling App

- Developed a React Native/Firebase career counseling app with user registration, profile creation, assessment, job search, resume building, and goal setting.

Nearest Bank Finder (KNN Model)

- Built Created a KNN-based recommendation engine to identify closest banks based on user location. Deployed as part of a mobile application to enhance user experience.

SnapChat Testing

- Conducted comprehensive testing on Snapchat, focusing on feature traceability and limitations, generating detailed test reports.

Library Management System

- Developed a basic Library Management System using DSA concepts (trees, linked lists) for efficient data management.

HOBBIES

- Reading
- Traveling
- Singing