

TANIYA ZEDI

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EDUCATION

IPS Academy, Institute of engineering and science

Nov 2021 - Present

B.Tech - Artificial Intelligence and Machine Learning , CGPA:9.25

WORK EXPERIENCE

Botmartz IT Solutions - Frontend web developer (Remote)

May 2024 - June 2024

- Worked for the website "lovenative". Added products, worked on image transitions, product descriptions using liquid coding.

Quality Webs LLC - Web Developer (On-site)

June 2024 - August 2024

- Created a responsive charity website using html,css ,js and implemented payment gateway.
- Created an e-commerce jewellery website using wordpress with relevant plugins and themes.
- Developed a website for a school "Charming Kids".

PROJECTS

Music Recommendation Model using Facial Expressions

- Developed a music recommendation system using Python, TensorFlow, OpenCV, Flask, HTML, CSS, and JS, integrating facial expression recognition and emotion-based music mapping through machine learning to suggest songs aligned with users' moods.
- Designed and trained an algorithm mapping detected emotions to appropriate music genres or specific songs and developed the backend using flask.

Mock.ai

- Developed AI-powered mock interview platform using React, Next.js, and Spring Boot, enabling personalized interview preparation and real-time feedback for users.
- Integrated advanced technologies such as Drizzle and Neon for efficient database management and seamless backend operations.
- Implemented user authentication and security features using Clerk and optimised system deployment on vercel.

Sign Language Detection

- Created a machine learning model where user can show the sign in front of the camera, and the model will define the alphabet it represents.
- Implemented hand sign recognition using Python and machine learning libraries (OpenCV, TensorFlow).

TECHNICAL SKILLS

Programming Languages: C, C++, Python

Frontend Development: HTML, CSS, JS, Bootstrap, Shopify, Wordpress

Database Management: DBMS, MYSQL, ORACLE, SQL

Other: Excel, Word, Powerpoint, Canva

Machine Learning, AI, Cloud Computing

CERTIFICATIONS

AI BUILDER: Foundation for Innovation and Technology Transfer IIT Delhi

C/C++ Programming Language: Universal Informatics

Cloud Foundations: Amazon Web Services Academy

Microsoft Web Dev Beginnings Challenge: Microsoft Learn Student Ambassador

Python Programming Language: Universal Informatics