



Tanveer Ahmed

Date of birth: 15/06/1989

Nationality: Pakistani

CONTACT

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ABOUT ME

I am a professional Full Stack Developer with over 7 years of experience working across diverse technologies and platforms. My expertise spans the entire application life-cycle, from front-end design and development to back-end integration and deployment, ensuring robust and seamless solutions.

WORK EXPERIENCE

01/10/2023 - CURRENT Rawalpindi, Pakistan

Senior Web Developer NUST University

- Web applications design and development
- Front-end and back-end development of web apps using different technologies
- Integration of applications
- Writing APIs to communicate application on cross platforms
- Implementing app security including authentication and authorisation to enforce security concerns.
- Deployment to applications on live servers after successful testing applications on local development and staging servers.

Business or Sector Education | **Department** Information and Communication Technologies |
Email manager.web@nust.edu.pk | **Website** nust.edu.pk

01/03/2020 - 01/08/2023 Rawalpindi, Pakistan

Programmer VisionTech 360

- AI based Projects
- Full Stack Developer
- Programming in Python
- Programming in MERN Stack

01/03/2019 - 05/02/2020 Rawalpindi, Pakistan

Web programmer ConcaveSol

- Web Application Development
- Programming in JavaScript
- Working with ThreeJS Library

20/02/2016 - 20/02/2019 Rawalpindi, Pakistan

Web programmer CytechSol

- Web based Dashboard design and development
- Programming in PHP
- Database design and development

EDUCATION AND TRAINING

15/08/2011 - 01/01/2016 Rawalpindi, Pakistan

BS Software Engineering UET Taxila

Website <https://www.uettaxila.edu.pk/>

01/08/2020 - 01/02/2022 Rawalpindi, Pakistan

Artificial Intelligence Certificate PIAIC

- AI for everyone
- Numpy
- Deep Learning
- Git
- Pandas
- Linux
- Docker
- Advanced Deep Learning
- SageMaker 1
- SageMaker 2
- Computer Vision and TensorFlow

Website piaic.org | **Field of study** Artificial Intelligence

01/10/2021 - 01/12/2021 Rawalpindi, Pakistan

MERN Stack PFTP

- Basic Concepts of Web Development in MERN Stack
- HTML, CSS, and JavaScript

- Fundamentals of Node.js and Express.js
- Working with MongoDB
- Front-End Development with React
- Building a Full-Stack Application
- Deployment and Production

Website <https://pftpedu.org/> | Field of study Information and Communication Technologies | Final grade A

01/10/2021 – 01/12/2021 Rawalpindi, Pakistan

AWS Solution Architect PFTP

- AWS Core Services
- Architecture of AWS
- Security and Compliance
- Cost Management
- Deployment and Automation

Website <https://pftpedu.org/> | Field of study Information and Communication Technologies | Final grade A

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

Other language(s):

English

Listening C1

Spoken production B2

Reading C1

Spoken interaction B2

Writing C1

Dutch

Listening A1

Spoken production A1

Reading A1

Spoken interaction A1

Writing A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

JavaScript | Git | SQL | Linux | Fundamentals of Computer Networking | MongoDB | Python | JSON | Web Designing & Web Development | C++ | Object-Oriented Programming | ARTIFICIAL INTELLIGENCE | MERN Stack | MEAN Stack | - C, C++ , JAVASCRIPT, CSS3, HTML5, PYTHON, PHP

PROJECTS

01/02/2024 – CURRENT

AI based Software Support Chatbot

AI powered chatbot that responses to user queries with perfection by auto-learning from queries, integrate with website by installing wordpress plugin.

- Data Preprocessing
- Using neural network model specifically NLTK
- Training the model
- User input and response
- Writing flask APIs for communication
- Development of wordpress plugin to interact user with back-end application

10/10/2023 – 01/02/2024

NUST DigitalSignage Application

Web based advertisement control system on different devices including LEDs and Standees

- Admin Panel front-end in Angular
- APIs in NodeJS for inter app communication
- Database is PostgreSQL
- Login authentication and authorization

- App security implementation

01/01/2023 – 10/06/2023

AI based person detection system in MERN

Web based control system that identifies single person in bulk of provided images

- Facial Recognition python library
- Admin Panel in MEAN Stack
- Best performance and Accuracy

Room Planner using threeJS in JavaScript

Project that was developed considering modern way of selling products around the globe

- Programming of Three.js, including scene creation, camera setup, and rendering
- Creating and importing 3D models of room components
- Implementing interactive features such as dragging, dropping, and rotating objects
- visual appeal and realism of the room planner

Bonjour in NodeJS using Socket I/O

Asynchronous Socket Based Downloader in C

Remote Administration System (Windows and Android) in PHP

Channel Rating in PHP

GSM Map (Cell Towers) in PHP

Report Incident in PHP

Report Incident in PHP

Web Scrap and Snap in PHP

PROFESSIONAL SKILLS / TOOLS

Technical Tools

1. PyCharm
2. Wordpress
3. Wireshark
4. Shopify
5. Vmware
6. Xampserver
7. Visual Studio 2019
8. VS Code
9. Adobe Illustrator
10. Jupyter Notebook

3D-Design/Graphic tools

1. Corel Draw
2. PhotoShop
3. Dreamweaver
4. Blender

APIs

1. RESTful
2. SOAP
3. Simple Cloud API Twitter
4. Google Cloud
5. Google maps
6. Custom APIs

Libraries

1. Socket.io
2. Pandas
3. ReactJS
4. Bootstrap
5. ThreeJS

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6. JQuery
 7. NumPy

Databases

1. MySQL
2. MySQLi
3. MongoDB
4. PostgreSQL

Stack Package

1. XAMPP Stack
2. MERN Stack
3. MEAN Stack

Operating System

1. Windows
2. Kali
3. Ubuntu

Other

1. Git Version System
2. Docker