USMAN GHIAS
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Education

Punjab University of Information Technology   **Lahore, PK**
Bachelor of Science in Software Engineering   *October* 2020 - Present

Projects

Web Development   **Personal & Tech Wardrobe Projects**

Django Rest & Core Java | Full Stack Projects   *12 Total Projects*

Build dynamic & scalable web applications using Django & Core Java PostgreSQL showcasing my expertise in python.

- Crafted ***Ecommerce Website*** *&* ***Blogging Site*** using Django, PostgreSQL, HTML, CSS, and JavaScript.
- Developed following requirements for ***Real Estate Web application*** for selling & purchasing of houses in Django.
- Developed ***Blood Donation, Hotel Management System & Dairy Farm Dashboard*** *in Django*.
- Crafted **Image Uploading** backend API in Django Rest & frontend API in React JS.

From J2SE to J2EE, my projects demonstrate the transformative impact of this versatile programming language, developed backend service using Tomcat that utilizes a database **MYSQL** mechanism to store data.

- Developed ***Online Book Management System, Rule Based Login System*** in Java (J2EE) using MVC structure.
- Crafted captivating ***Tour website & Hotel Management System*** in Java (J2EE), enhanced user experience using **HTML, CSS** & **JavaScript**, database **MySQL** and promoted unforgettable journeys.
- *Crafters* ***Hotel Management System*** *in core Java (J2EE).*

Data Science   **Personal & Tech Wardrobe Projects**

Machine & Deep Learning Projects   *8 Projects*

- Crafted Machine Learning Project ***Credit Card Fraud Detection*** using Kaggle Data Set**.**
- Crafted Machine Learning Project ***Vehicle Fraudulent Detection System*** using Kaggle Data Set.
- **FYP** working on ***Automated Deep Learning-based Framework for Monitoring of Debris-Covered Glaciers from Remotely Sensed Images*** *(integration with Space & Science Department)*.
- NLP small project ***Quora Question Suggestion****,* ***Question Answer Retrieval****,* ***Text Extraction****,* ***Image processing***.
- Complete ***Movie Recommendation System*** integrated with Django.

Skills   Lahore, Pakistan

Technical Skills

- Databases includes MySQL, MongoDB, PostgreSQL & Deployment includes Heroku, Netlify, Vercel and GitHub
- IDEs like VS Code, PyCharm, Sublime text, Anaconda, Eclipse, Jupiter Notebook.
- Programing Languages & Frameworks: C, C++, Python, Core Java, JavaScript, HTML, CSS, React, Bootstrap, DRF.
- Teaching Assistance of PF & Computer Networks & Data Science.   ●   Version control System Git and GitHub

Interpersonal Skills

- Leadership, Teamwork, Critical Thinking, Problem Solving, Adaptability and Flexibility, Conflict Resolution & Emotional Intelligence.

PROFESSIONAL Development   *2022- Present*

Amal Academy Fellowship, COD Crafters, Helping Hands & CodeCademy are my major Professional Development Platforms.

- Communication, Skill Development, Technical Business writing, Time Management & Entrepreneurship ● Founder of COD Crafters for helping students in programming and developed community for coding competitions.

PROFESSIONAL EXPERIENCE   *2021- Present*

- I used to write courses while learning new technology and maintained them on my website https://www.codcrafters.com
- I worked at ***Tech Wardrobe*** for a long time as a project-based developer.

Certificate   *2020 - Present*

- Microsoft Azure Fundamentals, Amal Academy, Artificial Intelligence onsite and a lot from coursera.

INTERESTS

Computer: Website & Mobile app development, Machine and Learning Enthusiast.
Language: Urdu, English | *Interests:* YouTube, Workout, Football, Islamic Economic System