M. Hasnain Fatmi

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My aim is to take on interesting projects, provide results, and continue developing as a flexible and efficient developer.

# Education

**FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES Lahore, Pakistan**

Bachelor of Science, Computer Science **(Sep 2021 – June 2025)**

# Technical Skills

**Languages:** C++, C, Python, Assembly x86, C#, Flutter, ReactJs, AngularJs

**Database:** PostgreSQL, SQLite, MySQL, MongoDB

**Web Framework:** MERN Stack, Django REST Framework (DRF), .NET Core

**Other:** HTML, CSS, Linux, KNN, CNN,

# **Projects**

**SkillSync | POSTGRESQL, DRF, REACTJs, SENTENCE-BERT (Nov 2024)**

* Using POSTGRESQL, DRF, REACTJs, SENTENCE-BERT, and other technologies, this AI-powered career guidance platform for students was created.
* Key functions: Skill Assessment, Context-aware job recommendation, Career guidance, Real-time Job Market trend visualization.

**JANWAR | ATLAS MONGODB, EXPRESS, REACT, NODEJS (May 2024)**

* Using ATLAS MONGODB, EXPRESS, REACT, NODEJS, and other technologies, this Ecommerce platform for Pet adoption and sale was created.
* Key functions: Post Ads, Sale and Buy animal companions, buy accessories, Customer Support and Hassel free transactions have been successfully integrated.

**HWCS | KNN, PYTHON, GSCM (Apr 2024)**

* Using KNN, PYTHON, GSCM, and other technologies, This Writers detection system through handwriting classification was created.
* Key functions, such as Image processing, Image scaling, feature extraction, model training and the successfully trained model has been integrated in an application made with DJANGO Framework for further showcasing.

**OVS | DBMS, POSTGRE SQL, DJANGO, HTML, CSS (Dec 2023)**

* Using DBMS, POSTGREE SQL, DJANGO, HTML, CSS, and other technologies, this Online Voting platform was created.
* Key functions, such as voter registration, Candidate verification, vote casting, election result display and result pdf downloads have been successfully integrated.

**Fish Carnival | Assembly x86 (Sep 2022)**

* Developed an Assembly language project using subroutines, string instructions, DOS/BIOS services, interrupts, and multi-tasking for the 8088 architectures.
* Within the game, emphasis was placed on creating visual components, interactivity, and strong multitasking abilities.

# Experience:

# SOFTWARE DEVELOPMENT INTERNSHIP AT TECHLOGIX Lahore, Pakistan

I worked as a Software Development Intern in the TMX-SD team, contributing to TLXMobility project. **(Jul 2024 – Sep 2024)**

# Interested Fields

1. **Software Development 2. Data Science 3. Data Analytics**