

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
Bachelor of Science, Computer Science

Lahore, Pakistan
(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, POSTGRE 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

I worked as a Software Development Intern in the TMX-SD team, contributing to TLXMobility project.

Lahore, Pakistan
(Jul 2024 – Sep 2024)

Interested Fields

- Software Development
- Data Science
- Data Analytics