M. Hasnain Fatmi

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I'm a software developer with a focus on AI, full-stack development, and data analytics. My goal is to build practical and effective solutions that address real-world challenges.

Education

FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES   **Lahore, Pakistan**
Bachelor of Science, Computer Science   **(Sep 2021 – June 2025)**

Experience:

SOFTWARE DEVELOPMENT INTERN   **Lahore, Pakistan**
Techlogix Pakistan (Pvt.)   **(Jul 2024 – Sep 2024)**

- Developed backend functionalities using .NET Core for the TLXMobility project.
- Designed and optimized user-friendly frontend interfaces using AngularJS, enhancing user experience.
- Collaborated in a team environment to deliver project milestones, gaining hands-on experience on live project.

Technical Skills

Languages: C++, C, Python
Web Development: ReactJs, AngularJs, MERN Stack, Django REST Framework (DRF), .NET Core
Data Science/AI: KNN, CNN, Sentence-BERT
Database: PostgreSQL, SQLite, MySQL, MongoDB
Others: HTML, CSS, Linux, Flutter

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 and 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.

Career Interests

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