

Muhammad 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
Bachelor of Science, Computer Science

Lahore, Pakistan
(Sep 2021 – June 2025)

Experience:

SOFTWARE DEVELOPMENT INTERN
Techlogix Pakistan (Pvt.)

Lahore, Pakistan
(Jul 2024 – Aug 2024)

- Developed backend features using .NET Core for the TMXSD project.
- Built and refined frontend interfaces with AngularJS.
- Worked with a team to meet project milestones on a live project.

Technical Skills

Programming Languages: C++, C#, Python
Web Development: ReactJs, AngularJs, Django REST Framework (DRF), .NET Core
Data Science/AI: Sentence-BERT, RAG
Database: PostgreSQL, SQLite, MySQL, Firebase
Other: HTML, CSS, Flutter

Projects

SkillSync - FYP | RAG, DRF, REACTJs, SENTENCE-BERT (May 2025)

- Final Year Project focused on Smart career guidance platform with personalized job recommendations and career planning.
- Features: Personalized Career Advice, Context-Aware Job Recommendations, Skill Assessment.

MoveOn (Vehicle Provisioning Application) | FLUTTER, FIREBASE (Apr 2025)

- Designed and deployed a Flutter-based mobile app for Faizan Movers, streamlining real-time bookings for tours and wedding transport, used by 100+ users with 40+ monthly active users.
- Integrated Firebase backend for secure booking flow, user authentication, and cloud data management.

DCACNet-CD | CNN, ATTENTION CONDENSER, AUGMENTATION (Apr 2025)

- This project develops a lightweight deep learning model for efficient skin lesion classification using custom CNN.
- Classifies different types of skin lesions with high efficiency using the DC-AC attention-based architecture.

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

- E-commerce platform for pet adoption and sales.
- Features: Post ads, buy/sell pets, purchase accessories, custom, transactions.

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

- Handwriting-based writer identification system.
- Features: Image processing, feature extraction, model training, Django-based application.

Career Interests

Software Development Machine Learning App Development Freelancing