

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:

ASSOCIATE SOFTWARE ENGINEER

EaseCloud Technologies

Lahore, Pakistan
(Aug 2024 – Present)

- Contributing to the development of Python-based backend services for cloud-native applications.
- Collaborating with the team on application development and integration to meet project goals.

SOFTWARE DEVELOPMENT INTERN

Techlogix Pakistan (Pvt.)

Lahore, Pakistan
(Jul 2024 – Aug 2024)

- Developed backend features in .NET Core and frontend interfaces in AngularJS.
- Collaborated with the team to deliver project milestones on time.

Technical Skills

Programming Languages: C++, C#, Python

Web Development: ReactJs, AngularJs, Django REST Framework (DRF), .NET Core

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.

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)

- Developed a full-stack pet adoption platform, streamlining pet sales and purchases with secure transactions.
- Optimized database and API responses to handle high-volume listings while ensuring smooth performance.
- Features: Ads Posting, Buying/Selling Pets, Customer Support, Purchase Accessories, Custom Transactions.

HWCS | KNN, PYTHON, GLCM, DJANGO

(Apr 2024)

- Built a handwriting-based writer identification system, achieving 93% accuracy through optimized KNN classification.
- Designed and implemented image processing, feature extraction, and model training, reducing classification errors by 30%.
- Integrated the trained model into a Django web application, enabling seamless handwriting recognition

Career Interests

Software Development

Machine Learning

App Development

Freelancing