

# Muhammad Hasnain Fatmi

+92 3077178904 | [hasnainfatmi22@gmail.com](mailto:hasnainfatmi22@gmail.com) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Software engineer with experience in full-stack development, data pipelines, data transformation, and ML workflows. I focus on creating efficient, impactful systems that turn data into meaningful outcomes.

## 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 2025 – Present)

- Responsible for complete development and deployment of multi-tenant data integration platform with multiple source connectors, snowflake, and analytics dashboards
- Implemented complete ETL pipeline Infrastructure with automated provisioning and continuous GCP monitoring
- Implemented several utility tools and business growth projects for developer productivity and workflow automation.

**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.

## Projects

**SkillSync - FYP | RAG, DJANGO, REACTJS, SENTENCE-BERT, LANG-CHAIN, LLMs**

**(May 2025)**

- Final Year Project focused on Smart career guidance platform with personalized job recommendations and career planning with help of NLP and RAG for text generation and semantic analysis.
- Features: Personalized Career Advice, Context-Aware Job Recommendations, Skill Assessment.

**DCACNet-CD | CNN, ATTENTION CONDENSER, AUGMENTATION, FASTAPI**

**(Apr 2025)**

- This project is a deep learning model for efficient skin lesion classification using custom CNN.
- Achieved ~91% classification accuracy through transfer learning and data augmentation techniques.

**HWCS | KNN, PYTHON, GLCM, FLASK**

**(Apr 2024)**

- Handwriting-based writer identification system, achieving ~93% accuracy through optimized KNN classification.
- Deployed the trained model on Hugging Face to showcase handwriting recognition capabilities.

## Technical Skills

**Languages & Frameworks:** C++, C#, Python, React, Angular, .NET Core, Django, Node.js, React Native

**Databases:** PostgreSQL, SQLite, MySQL, Firebase, MongoDB

**Cloud & DevOps:** Docker, GitHub Actions, GCP

**Data Analytics:** Airbyte, DBT, Snowflake, Metabase, Spark, Power Bi

## Career Interests

Software Development    Machine Learning    App Development    Data Analytics    Data Engineering