

Muhammad Hamdan Ali

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Software Engineer

Software Engineer skilled in problem-solving and development.

Education

BS Computer Science

FAST NUCES, Islamabad

2021–2025 (Expected)

Projects

Hospital Management – Java (Scene-builder)

December 23

HomeCarePro – Home and Service Provider Management – Django Python

May 24

Timetable Scheduler – Python (Genetic Algorithm)

May 24

Final Year Project: AI Powered Code Evaluation Tool – Java, Python, HuggingFace, CloudFlare **Fall, 24 – Spring, 25**

- Llama 3.1 Fine-tuned on python code snippets, Model gave live suggestions via a PyCharm extension

Extension of ZenBot (Open-Source Trading Application) – Project for a US-based Client

January 25 - Present

- Enhancing ZenBot with ML-driven stock forecasting, real-time alerts, and private server signals.
 - **Tech:** React, Python, Tingo API.
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Skills

C++, Python, Java

UML Diagramming, StarUml

Docker, Git, AWS

Effective Communication

Django, React, Node.js

MongoDB, MySQL/SQL

Data Analysis, HuggingFace

Research & Adaptability

Experience

Fiverr (Level 1 seller with 4.5-star rating)

June 2023 – January 2024

- Developed OOP and DSA projects in Python, Java, and C++.
- Built simple JavaFX and Scene Builder applications

Upwork

October 2024 – Present

- Write blogs and Reddit posts on AI, its daily applications, and growing industry adoption.
 - Design UML diagrams to visualize system architecture and design software solutions.
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Certifications and Awards

AWS Academy: Cloud Foundations

November 2024

AWS Academy: Cloud Pipeline Builder

December 2024

AWS Academy: Cloud Web Application Builder

December 2024

Community Involvement

Assisted in village cleanup and bin setup under Red Crescent supervision.