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.

Skills

C++, Python, Java	UML Diagramming, StarUml	Docker, Git, AWS	Effective Communication
Django, React, Node.js	MongoDB, MySQL/SQL	Data Analysis, HuggingFace	Research & Adaptability

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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.

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.