

Areeba Fatah - ML Engineer

Rawalpindi, Pakistan | +92-335-0541753 | areebafatah23@gmail.com
linkedin.com/in/areeba-fatah | github.com/AreebaFatah02

Professional Summary

AI/ML Engineer with 1+ year of industry experience working on machine learning and AI solutions across healthcare, computer vision and agentic AI. Hands-on experience with Python, PyTorch, deep learning, LLM integration and ML workflows.

Professional Experience

Junior Machine Learning Engineer <i>Orydex</i> - Developed machine learning workflows for cancer biomarker prediction using histopathology data - Contributed to breast cancer biomarker prediction projects involving HER2, BRCA1/2, ER, and PR - Worked with advanced computational pathology techniques, including image-based feature extraction and representation learning approaches - Worked on an AI-powered multi-agent product, contributing to ML and backend components - Integrated LLM services using the OpenAI SDK and OpenRouter within agentic AI workflows - Used Python, PyTorch, Git, and Django for machine learning and backend development - Worked on computer vision and machine learning competitions during initial training, including skin cancer and aneurysm detection	Jul 2025 – Present <i>Remote</i>
---	-------------------------------------

Projects

ArchiVisionAI <i>Python, Babylon.js, Stable Diffusion</i> - Developed a system for generating and redesigning 3D floor plans using generative AI - Deployed the project through Kaggle	Final Year Project
SkinAlyze – AI Skin Type Classifier <i>Python, OpenCV, PyTorch</i> Developed a computer vision model for skin-type classification and personalized product recommendations	
Garbage Detection & Culprit Tracking <i>Python, OpenCV, YOLO, VGG16</i> Developed a computer vision system to detect illegal dumping and identify potential sources using image-based feature matching	

Technical Skills

Programming & ML: Python, PyTorch, Scikit-learn, OpenCV, SQL
AI: Deep Learning, Computer Vision, Machine Learning, Generative AI
Agentic AI/LLM: OpenAI SDK, OpenRouter, Agentic AI
Tools & Frameworks: Git, GitHub, Django, Flask, Docker, Kaggle

Education

FAST National University of Computer and Emerging Sciences <i>B.S. Artificial Intelligence – GPA: 3.8</i>	Islamabad, Pakistan <i>Aug 2021 – Jun 2025</i>
---	---

Achievements

Magna Cum Laude | Rector's List | Dean's List (7×) | 2 Bronze Medals | 1 Silver Medal