



# ABDULLAH JAVID

AI Developer · ML Engineer · Builder & Deployer

## EDUCATION

2025 – 2029  
**BS ARTIFICIAL INTELLIGENCE(CGPA. 3.64/4.0)**  
**UMT LAHORE**

- Specializing in AI/ML Engineering

Completed 2025  
**INTERMEDIATE — FSc Pre-Eng**  
**PGC COLLEGE(1043/1200)**

- Science stream with strong mathematics foundation

Completed

## SKILLS

- Python Programming
- Machine Learning / Deep Learning
- PyTorch & ResNet18 (Computer Vision)
- YOLOv8 & Object Detection
- HuggingFace & Gradio Deployment
- AI Chatbots (Claude · GPT-4 · Gemini)
- Git & GitHub
- Cloud Deploy (AWS · Azure · Firebase · Vercel)

## LANGUAGES

- English — Professional
- Urdu — Native

## CONTACT

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portfolio-website-jet-iota-21.vercel.app/

## PROFILE INFO

Driven AI Engineering student and self-taught AI developer with hands-on experience fine-tuning deep learning models for medical imaging, building multi-model AI chatbots, and shipping production-ready computer vision applications. Combines Python, PyTorch, ResNet18, YOLOv8, and modern AI frameworks like Hugging Face and Gradio to deliver real-world solutions. Active builder on GitHub, Hugging Face, and LinkedIn with 11+ global deployments, a growth mindset, and a passion for turning AI concepts into deployable tools.

## EXPERIENCE

- AI DEVELOPER & ML ENGINEER** Jan 2024 – Present  
**FREELANCE — REMOTE**  
Architected and fine-tuned deep learning models (ResNet18 + PyTorch) for medical imaging and defect detection — including NeuroScan AI brain tumor classifier at 92.2% accuracy. Built and deployed multi-model AI chatbots integrating Claude API, GPT-4, and Gemini. Engineered YOLOv8 object detection pipelines and shipped 11+ live AI applications on Hugging Face Spaces, Streamlit, and Gradio for real-world public use.
- OPEN-SOURCE AI DEVELOPER** 2025 – Present  
**GITHUB / HUGGING FACE**  
Published and maintained multiple open-source AI repositories — medical imaging classifiers, object detection apps, AI chatbot suites, and game projects. Deployed across Hugging Face Spaces, Vercel, Streamlit Cloud, and Firebase. Maintained clean commit history, documentation, and versioned releases across all repositories..
- NEUROSCAN AI — MEDICAL IMAGING RESEARCHER** 2025  
**INDEPENDENT PROJECT**  
Designed and built NeuroScan AI, a deep learning brain tumor detection system using ResNet18 + Transfer Learning on 1,600 MRI scans. Achieved 92.2% validation accuracy classifying four categories — Glioma, Meningioma, Pituitary, and No Tumor. Deployed as a live Gradio app on Hugging Face Spaces for real-time medical image analysis.

## PROJECTS

- Brain Tumor Detector — NeuroScan AI (92.2%)**  
NeuroScan AI Brain MRI classifier at 92.2% accuracy across 4 tumor categories.  
ResNet18 · PyTorch · Gradio · Hugging Face
- Skin Disease Detector**  
Multi-class skin disease classifier detecting 9 conditions at 71.8%.  
ResNet18 · PyTorch · Gradio · Hugging Face
- Animal Detector & Cropper**  
YOLOv8 real-time multi-animal detection with auto-cropping.  
YOLOv8 · Python · OpenCV · Gradio
- Tablet Defect Inspector**  
Fine-tuned ResNet18 detecting GOOD vs DEFECTIVE tablets in under 1 second.  
ResNet18 · PyTorch · Gradio · Hugging Face
- Nexus AI Assistant**  
Multi-LLM hub routing across LLaMA, Mixtral and Gemma via Groq. LLaMA · Mixtral · Gemma · Groq API
- Air Writer**  
Real-time air-gesture-to-text recognition with live HUD overlay. MediaPipe · OpenCV · Python · Gradio
- ChessMaster**  
Browser chess engine with Minimax + Alpha-Beta and live ELO tracking. TypeScript · chess.js · Web Audio API
- Galactic Defender**  
Python arcade space-shooter with 60FPS gameplay, packaged as Windows .exe. Python · PyGame · PyInstaller

### ▶ Snake Strike

Modern Canvas snake game with smooth animations and high-score tracking. JavaScript · Canvas API · HTML5

### ▶ Portfolio Website

Responsive personal portfolio site showcasing 11+ live AI deployments. Next.js · Tailwind CSS · Vercel

## CERTIFICATIONS & ACHIEVEMENTS

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- **Claude with Amazon Bedrock — Anthropic**

Production-grade LLM deployment on AWS infrastructure.

- **Claude Code 101 — Anthropic**

Foundational Claude coding and development practices.

- **Claude Code in Action — Anthropic**

Advanced practical implementation and real-world applications

- **Model Context Protocol: Advanced Topics — Anthropic**

Advanced LLM architecture and protocol optimization.

- **360 Transformation Boot Camp — UMT 2025**

Leadership, technical skills, and personal transformation program.

- **11+ Global AI Deployments — Hugging Face Spaces**

Production AI models actively used by users worldwide.

- **5+ AI APIs Integrated — Claude · GPT-4 · Gemini · Hugging Face**

Hands-on integration of production-grade LLM and AI APIs across projects.

- **FSc Score: 1043 / 1200 — Punjab Group of Colleges (2025)**

Strong performance in Pre-Engineering — Mathematics, Physics, CS.

- **Claude with Anthropic API — Anthropic**

API integration, function calling, and production deployment

- **Claude with Google Vertex AI — Anthropic**

Multi-cloud LLM deployment and cross-platform integration

- **Introduction to Agent Skills — Anthropic**

AI agent development and autonomous system design

- **Teaching the AI Fluency Framework — Anthropic**

AI literacy, education, and stakeholder communication

- **AI Fluency for Educators — Anthropic**

Advanced AI concepts for educational implementation