

# Hamza Jadoon

Computer Engineering Student

[✉ hamzajadoon71@email.com](mailto:hamzajadoon71@email.com) | [📞 +92 300 1234567](tel:+923001234567) | [👤 hamza2324](https://www.linkedin.com/in/hamza2324) | [🔗 Hamza Jadoon](https://www.linkedin.com/in/hamza-jadoon/)

## PROFILE

Computer Engineering student with strong interest in Generative AI, focusing on LLM integration, intelligent agents, and real-world AI applications. Hands-on experience with machine learning, NLP, and full-stack development. Passionate about building scalable, practical solutions and continuously upskilling through projects and internships.

## EDUCATION

### BS Computer Engineering

COMSATS University Islamabad, Abbottabad  
CGPA: 3.06 / 4.00

2022 – 2026

### Intermediate (Pre-Engineering)

Progressive School & College, Abbottabad

2017 – 2022

## EXPERIENCE

### Front-End Development Intern – CodeAlpha

Jan 2026 – Present

- Designed and developed a professional personal portfolio website.
- Implemented responsive UI using HTML, CSS, and JavaScript.
- Built an image gallery to improve layout and UI consistency.

### Machine Learning Intern – Future Interns

Jan 2026 – Present

- Developed a sales forecasting model for 6-month predictions.
- Built NLP-based support ticket classification system.
- Created resume screening system using text processing.

## PROJECTS

### GenAI-Based Shariah-Compliant Stock Trade Advisor (FYP)

Python, LLMs, Streamlit, Groq, Gemini

- Developed a web-based AI stock advisor for Pakistan Stock Exchange.
- Fetched live PSX stock data using APIs and analyzed future potential.
- Provided 1-month investment recommendations using GenAI models.

### Industrial Product Inspection System

Python, SVM, Streamlit

- Built an automated defect detection system using 6,000 training images (~80% accuracy).
- Enabled model retraining via Streamlit interface.

### Document Clustering

Python, TF-IDF, PCA, K-Means

- Performed unsupervised document clustering on multi-class text data.
- Applied TF-IDF and PCA for feature extraction and dimensionality reduction.

### Sales Forecasting System

Python, Linear Regression, Matplotlib

- Forecasted future sales using regression and time-based features.
- Data cleaning and feature engineering for improved performance.

### Pet Zone Website

HTML, CSS, JavaScript, PHP, MySQL

- Developed a full-stack pet buying and food ordering platform.

### Personal Portfolio Website

HTML, CSS, JavaScript

- Designed a responsive portfolio showcasing ML and web projects.

## TECHNICAL SKILLS

Python NLP HTML C Machine Learning LLMs Generative AI Streamlit CSS JavaScript C++ MySQL