

JAWAD ALI SHAHID

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PROFILE

AI Developer specializing in machine learning, NLP, and data-driven solutions. Skilled in building scalable AI systems and leveraging advanced models for real-world applications. Experienced in integrating intelligent systems with modern web technologies.

EXPERIENCE

- June 2023-
November 2023

Full Stack Intern, *NextTech Solutions*
- June 2024-
Present

AI & RAG-Focused Full Stack Developer, *Upwork*

EDUCATION

COMSATS University, Islamabad - 2025
Bachelors in Artificial Intelligence

SKILLS

- Soft Skills:**

- Problem Solving
 - Time Management
 - Teamwork
- Technical skills:**

- Programming: Python (Primary), JavaScript
 - Machine Learning
 - Data Mining
 - Generative AI
 - Databases: MongoDB, Postgress, Pinecone
 - Web development: HTML, CSS, JavaScript, FastAPI, React

PROJECTS

- Legal Mind:**

AI-powered platform for legal document management, featuring case management, NLP-based document summarization, law retrieval, contract generation, and a RAG-based chatbot for legal queries.
- News Summarizer:**

Web app for extracting and summarizing news articles via web scraping with BeautifulSoup & Selenium, and LLaMA for AI summarization.
- CV-Insight:**

System for bulk CV processing with multiprocessing, semantic search via pgvector embedding, and an AI chatbot for candidate skill search.
- Domain-Specific Chatbot – Conversational AI:**

Integrated into *Legal Mind*, this handles law-related queries with context awareness, leveraging web search, vector database retrieval, and memory management for accurate and relevant responses.
- RAG-Based Shakespeare QA Model:**

Built a RAG system with EleutherAI/gpt-neo-1.3B, using vector embedding from a limited Shakespeare dataset to generate context-aware answers.