

WARDAH ZIA ABBASI

☎ +92-311-5486899 ✉ warabbasi4@gmail.com [in linkedin.com/in/warabbasi4](https://www.linkedin.com/in/warabbasi4) github.com/war-abbasi

Professional Summary

AI Engineer with experience developing AI-powered applications, intelligent automation workflows, and conversational systems. Skilled in Generative AI, Natural Language Processing (NLP), prompt engineering, LLM evaluation, and AI quality analysis, with a strong focus on building reliable and practical solutions. Alongside technical development, I bring experience in team leadership, project management, and cross-functional collaboration, enabling me to translate complex requirements into impactful outcomes.

Education

International Islamic University
Bachelor of Science in Software Engineering

June, 2026
CGPA: 3.43/4.0

Work Experience

National Information Technology Borad

Feb 2026 – Present

AI Engineer

Islamabad, Pakistan

- Spearheaded the development of Pakistan's first AI-enabled Parliamentary Platform for the Speaker's Office, leading a team of 5 engineers from solution design through deployment.
- Built and optimized AI applications leveraging LLMs, LangChain, Python, vector-based retrieval systems, and prompt engineering techniques to automate workflows and enhance knowledge management.
- Delivered enterprise-grade AI solutions, including chatbots, document processing pipelines, and intelligent assistants that improved operational efficiency and reduced manual effort across multiple departments.
- Established AI governance and compliance frameworks focused on security, transparency, auditability, and responsible AI usage within government technology environments.

Vue

Jan 2026 – March 2026

AI Business Analyst

Remote

- Evaluated and benchmarked outputs from multiple Large Language Models (LLMs) across diverse use cases, assessing response quality, factual accuracy, relevance, reasoning, and instruction adherence.
- Performed AI quality analysis and human feedback evaluations aligned with RLHF methodologies, identifying hallucinations, inconsistencies, and model failure patterns to improve output reliability.
- Conducted comparative analysis of AI-generated responses using structured evaluation frameworks, providing detailed justifications and recommendations to support model improvement efforts.
- Collaborated on prompt optimization and testing workflows, contributing to AI benchmarking initiatives and ensuring compliance with quality standards for generative AI systems.

ShifaOne

Nov 2025 – Feb 2026

Project Coordinator

Islamabad, Pakistan

- Supported end-to-end planning and execution of product outreach initiatives, aligning timelines, deliverables, and stakeholders across marketing and tech teams.
- Maintained project trackers, outreach calendars, and progress reports to ensure on-time execution of campaigns and feature rollouts.
- Coordinated cross-functional teams to manage dependencies, resolve execution gaps, and ensure alignment with business objectives.
- Prepared performance summaries and insights for leadership to support decision-making and prioritization.

Techtics.AI

May 2025 – Sep 2025

AI/ML Development Intern

Houston, Texas

- Worked on training and fine-tuning transformer-based language models (e.g., GPT) for customized chatbot and summarization tasks.
- Conducted model testing and evaluation for usability, accuracy, and performance, ensuring output relevance and reducing hallucination.
- Applied Prompt Engineering techniques to enhance performance of foundation models in real-time applications.
- Explored MLOps tools like MLflow and HuggingFace Hub for versioning and deployment (in progress/learning phase).

Devsinc

Feb 2025 – May 2025

Associate Marketing Executive

Islamabad, Pakistan

- Led internal marketing efforts to enhance employee engagement and workplace culture with diverse audience.
- Planned and executed events including Citrus Spark, Sports Week, Qawali Night, Ludo Tournament, K2Preneur Screening, and Chaand Raat at the Islamabad Office.
- Created engaging content and collaborated with multiple teams to manage logistics, design campaigns, and boost participation.

- Successfully managed ETL Online's community portal, growing membership to over 2,000 active members within 6 months, enhancing engagement and content sharing.
- Led a diverse team of 10+ executive members, 40+ international industry mentors, and academic professors, streamlining collaboration and event execution to drive project success.
- Fostered a thriving community, resulting in 2,774 total contributions and 682 contributing members, increasing active participation and interaction within the portal.
- Formulated and executed targeted marketing strategies, contributing to a 45 percent increase in total members (1,156 active members) and enhanced brand visibility across multiple platforms.

Projects

AI-Enabled Parliamentary Platform | *LLMs, NLP, LangChain, Python, Qwen, ollama* Speaker National Assembly

- Contributed to the development and deployment of Pakistan's first AI-enabled Parliamentary Platform, designed to enhance accessibility, knowledge retrieval, and decision-support capabilities within parliamentary operations.
- Implemented and deployed 12+ AI-powered use cases locally, including document intelligence, parliamentary knowledge access, legal entity extraction, content generation, and information retrieval systems.
- Built an AI-driven assistant leveraging Large Language Models (LLMs), prompt engineering, and NLP techniques to streamline processes and reduce manual effort.

NeutraWise | *Climate Tech, AI Solutions, Sustainability Intelligence*

Founder

- Founded and led an AI-driven climate-tech initiative focused on promoting sustainability, carbon awareness, and data-driven environmental decision-making.
- Designed AI-powered concepts and digital solutions aimed at simplifying carbon footprint awareness, climate education, and sustainable behavior tracking for individuals and communities.
- Managed multidisciplinary teams across technology, outreach, research, and community engagement while driving strategic partnerships and ecosystem growth.
- Led product vision, technical planning, branding, and stakeholder engagement to position the initiative within emerging climate innovation ecosystems.

KhidmatBot – AI Citizen Assistance Platform | *LLMs, WhatsApp Integration, NLP, Automation*

- Developed an AI-powered citizen assistance chatbot designed to simplify access to public services and guide users toward relevant digital government resources.
- Integrated conversational AI capabilities with WhatsApp, enabling citizens to interact through a familiar communication channel and receive service-related guidance in real time.
- Implemented intent-based workflows and AI-driven response mechanisms to assist users in navigating online services, documentation requirements, and public-sector processes.

Volunteer Experience

Top Contributor, Spark PM Youth Magazine: A national platform inaugurated by the Prime Minister at the Commonwealth Asia Youth Summit 2025, highlighting emerging talent of Pakistan. Contributed actively to content development and storytelling focused on youth innovation, leadership, and impact-driven initiatives. Played a role in amplifying narratives of Pakistani Youth through structured publications.

Student Communities: Actively contributed to tech communities as the Microsoft Student Ambassador and the President of Computer Science Society of Faculty of Computing & IT, Outreach Lead for AI Community Pakistan (Islamabad Region), and Campus Ambassador for Royal Cyber Inc., driving outreach, knowledge-sharing, and community building.

Skills

Programming: Python, JavaScript, SQL, C++

AI & Machine Learning: Transformer models, fine-tuning, prompt engineering, NLP fundamentals, model evaluation, hallucination mitigation

Frameworks & Tools: Flask, Git, Hugging Face Hub, MLflow (exposure), VS Code, PyCharm

Data & Analytics: Data preprocessing, exploratory data analysis, Excel (Advanced), basic visualization

Security Fundamentals: Encryption concepts, secure data handling, information security principles

Soft Skills: Problem-solving, communication, adaptability, teamwork

Certifications

- Huawei Inference Developer Certified Specialist
- Mastering Project Management with Asana
- Augmented Reality Marketing
- Generative AI for Digital Marketers
- LinkedIn Marketing Solutions Fundamentals
- MATLAB Onramp by Mathworks