

HARIS TAHIR

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EDUCATION

University of Engineering and Technology, Taxila Bachelor of Science in Computer Science	<i>Expected 2027</i>
HITEC College Intermediate, Pre-Engineering	<i>2021 - 2023</i>

TECHNICAL SKILLS

Programming Languages: Python, Dart, JavaScript, SQL, LaTeX
Mobile Development: Flutter, Firebase, Dart, REST APIs, Cross-platform Development
AI/ML: Retrieval-Augmented Generation (RAG), LangChain, Large Language Models (Gemini, GPT), Vector Databases (FAISS)
Tools & Technologies: Git/GitHub, Streamlit, Cloud Deployment, UI/UX Design (Figma, Canva)
Soft Skills: Public Speaking, Technical Communication, Team Leadership, Event Management, Strategic Planning

PROFESSIONAL EXPERIENCE

Flutter Development Intern The Xpertz	<i>2025 - Present</i>
<ul style="list-style-type: none">Developed cross-platform mobile applications using Flutter and Dart, implementing modern UI/UX principles and ensuring responsive design across iOS and Android platformsIntegrated Firebase backend services for real-time data synchronization, authentication, and cloud storage, improving app performance and user experienceCollaborated with design and product teams to translate wireframes and mockups into functional, pixel-perfect mobile interfacesImplemented RESTful API integration and state management solutions to optimize application architecture and data flow	

PROJECTS

UET Policy Advisor Python, LangChain, Gemini AI, FAISS, Streamlit	<i>2025</i>
<ul style="list-style-type: none">Engineered and deployed a production-grade RAG (Retrieval-Augmented Generation) system using Gemini 3 Flash and LangChain to provide intelligent policy guidance from unstructured university documentsImplemented vector database indexing with FAISS for semantic search, achieving sub-second query response times across 1000+ policy documentsDeployed live application on Streamlit Cloud with optimized chunking strategies and embedding pipelines, serving 200+ active usersDesigned conversational AI interface with context-aware responses, reducing policy inquiry resolution time by 70%	

Mobile Application Portfolio | Flutter, Firebase, Dart

- Built multiple production-ready mobile applications featuring authentication systems, real-time databases, and cloud storage integration
 - Implemented custom animations, gesture controls, and adaptive layouts to ensure seamless user experience across device sizes
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LEADERSHIP & EXTRACURRICULAR

Director, Speak Up Team | National Youth Assembly, UET Taxila *2025 - Present*

- Lead team of 15+ members organizing debates, public speaking workshops, and youth engagement programs reaching 500+ participants annually
- Manage event logistics, speaker coordination, and program curriculum development for campus-wide initiatives

Deputy Director | Quaid-e-Azam Debating Society, UET Taxila *2025 - Present*

- Organize competitive debating tournaments and training sessions, enhancing critical thinking and persuasive communication skills across student body

Vice Captain | CS Basketball Team, UET Taxila *2025 - Present*

- Lead team strategy, practice coordination, and player development while representing university in inter-collegiate competitions

Volunteer | Wall of Hope *2023 - Present*

- Support community-driven social impact initiatives focused on education and youth empowerment