

TALHA RIAZ

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PROFILE

Dedicated and results-driven Computer Science undergraduate with experience as a Full Stack Developer intern. Proficient in front-end and back-end development, working with databases, APIs, and version control. Skilled in Java, SQL, C++, and Web Development. Passionate about problem-solving, building scalable web applications, and continuously learning new technologies to deliver high-quality software solutions.

EDUCATION

University of Lahore

Bachelor of Science in Computer Science

Army Public School and College

Higher Secondary School Certificate (HSSC)

- **Marks:** 700 / 1100 (63.6%)

Army Public School and College

Secondary School Certificate (SSC)

- **Marks:** 820 / 1100 (74.5%)

Sargodha, Pakistan

Nov 2022 – Present

Sargodha Cantt, Pakistan

2020 – 2022

Sargodha Cantt, Pakistan

2018 – 2020

EXPERIENCE

Vantage Droid

Full Stack Developer - Internship

Sargodha, Pakistan

Aug 2023 – Nov 2023

- Built and improved web app features across both front-end and back-end architectures.
- Collaborated on integrating databases and APIs, and managed codebase using version control.
- Supported debugging, deployed fixes, and successfully executed performance improvements.

TECH STACK

Python

Java

C++

DSA

Machine Learning

Generative AI

LLMs

RAG

Prompt Engineering

Embeddings

Vector Databases

ChromaDB

Retrieval Pipelines

Git

GitHub

Firebase

LangChain

LangGraph

LangSmith

Microsoft Office

PROJECTS

RAG Chatbot | Python, LangChain, LLMs, Vector Databases

- Developed an intelligent conversational agent using Retrieval-Augmented Generation to process and answer queries based on custom document embeddings.

AI Email Generator | Python, LangSmith, Generative AI, Prompt Engineering

- Built an automated email drafting tool leveraging LLMs and Prompt Engineering, with tracing and monitoring implemented via LangSmith.

[All Projects Here](#)

CERTIFICATIONS

Introduction to Cybersecurity | CISCO Networking Academy

Feb 2026

- Verifies the successful completion of the Introduction to Cybersecurity course.
- Covered explaining common cyber threats and vulnerabilities, the basics of online safety, and how organizations protect their operations against attacks.