

# TALHA ASLAM

## AI AUTOMATION ENGINEER

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Address: Lahore, Pakistan

[Portfolio](#)

| [Github](#)

| [LinkedIn](#)

| [HackerRank](#)

### SUMMARY

Innovative and adaptable Computer Science student specializing in Python development, AI automation, and intelligent systems, with hands-on experience working remotely for a U.S.-based software company.

Skilled in developing end-to-end solutions that combine logic, design, and automation. Eager to contribute to your mission of building powerful, human-centered tools that enhance productivity and creativity across millions of users.

“I might not know it yet—but give me a challenge, and I’ll learn it, build it, and exceed your expectations.”

### PROFESSIONAL EXPERIENCE

**Python AI Automation Developer** [Orange Tree System U.S – Registered Startup, Lahore, Pakistan](#)

Aug 2025 – Present | In-person

- Working at a U.S.-based software startup specializing in AI-driven automation and web process optimization.
- Collaborate with cross-border teams to design and deploy Python-based AI models and automation pipelines.
- Develop intelligent systems to streamline data handling, enhance accuracy, and reduce manual intervention.
- Integrate APIs, automate workflows, and contribute to end-to-end development from design to deployment.
- Operate within U.S. engineering standards for testing, documentation, and agile collaboration

### PROJECTS

- [Airtable Integrated Workflow Systems Dashboard](#)
- [Website Automation for Pharmacy Stores Livinit\\_pa](#)
- [Selenium Python Automation with Gemini integrations for a client Project bcbs\\_platform](#)
- [JARVIS – AI Voice Recognition Assistant: Built a custom voice assistant using Python, Speech Recognition, and NLP for voice command execution and desktop automation. Jarvis](#)
- [Inventory Management System: Developed a GUI-based desktop app using Tkinter and SQLite for inventory tracking, user authentication, and report generation. Inventory Management Software](#)

## PROFESSIONAL EXPERIENCE

### Flutter Developer Intern [Orax Technology, U.k – Registered Startup, Lahore, Pakistan](#)

June - October 2025 | In-Person

- Worked as a Flutter Developer Intern at Orax Technologies, contributing to real-world mobile app projects.
- Integrated REST APIs and Firebase for real-time data handling and seamless app functionality.
- Gained practical experience with Git version control, Provider state management, and scalable app architecture.
- Contributed to live company projects and proof-of-concept apps, turning ideas into functional products.

#### Projects:

[Wear OS app](#) | [HealSearch App](#) | [Watch OS App](#) | [Water Detector Sensor IOT App](#)

## EDUCATION

### The University of Lahore

Aug 2021 - June 2025

#### Bachelor's of Science in Computer Science

- Major in Artificial Intelligence
- Final Year Project on “HealSearch App” whose main motive is to connect the inventory to Users

### Forman Cristian College

2019 - 2021

Intermediate FSC pre-Engineering

## TECHNICAL SKILLS

- **Languages:** Python, C#, C++, html, Dart, Javascript, Kotlin
- **Frameworks:** Flask, tkinter, Flutter
- **APIs:** RESTful APIs, Fast API, JSON Integration
- Airtable Scripting (JavaScript/pyscript logic)
- **UI/UX:** Prototyping, Responsive Design
- **Databases:** SQLite · Firebase, SQL, Airtable
- **Version Control:** Git, GitHub,

## CERTIFICATES

[HackerRank: Software Engineer](#)

[HackerRank: Problem Solving \(Intermediate\)](#)

[HackerRank: SQL \(Advanced\)](#)

[HackerRank: Rest API \(Intermediate\)](#)

[HackerRank: SQL \(Intermediate\)](#)

[IBM: DataScience with Python \(Intermediate\)](#)

[HackerRank: JavaScript \(Intermediate\)](#)

[Udemy: Neuroplasticity](#)

## MY TECHNICAL PROJECTS

- My Modern and interactive Portfolio website. [ [Live](#) ] [GitHub](#)
- Built a real-time conversational AI voice agent acting as my digital persona using Python, Grow LLM, ElevenLabs & Edge TTS, and Edge STT. [Portfolio AI Voice Agent](#)
- Developed an interactive UI-based voice agent for OpenClaw to handle user queries efficiently through real-time conversational interaction. [OpenClaw AI Voice Agent UI](#)
- Developed an AI voice receptionist to handle user interactions and queries in real-time using Python, Edge STT, and ElevenLabs. [AI Receptionist](#)
- Student Transport Management App using Flutter [Transit Pro](#)