MUHAMMAD FAIZAN

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PROFESSIONAL SUMMARY

Aspiring AI Engineer and Python Developer currently pursuing a BS in Artificial Intelligence. Focused on strengthening programming foundations and developing practical automation scripts and intelligent systems. Disciplined problem-solver with a strong interest in machine learning, actively involved in the tech community to stay ahead of emerging technologies.

WORK EXPERIENCE

Python Developer   **Islamabad, Pakistan**
Key Python Projects & Development   **2025 – Present**

Designed and developed custom Python solutions and automation scripts to streamline daily tasks and solve real-world logical problems. Focused on writing clean, efficient code and building a diverse portfolio of practical applications ranging from financial utility tools to algorithmic challenges.

- **Real-World Problem Solving:** Engineered practical utility software to solve daily logistical challenges, such as a Smart Expense Splitting System that automates complex financial settlements and handles unequal split ratios.

- **Task Automation:** Built custom Python scripts to automate repetitive workflows, reducing manual effort and improving process efficiency through logic-based programming.

- **Logic & Algorithms:** Developed interactive applications (including a Cryptography/Secret Code Generator) to implement core computer science concepts like string manipulation, data structuring, and control flow.

EDUCATION

Bachelor of Science Artificial Intelligence   **Islamabad, Pakistan**
SZABIST University, Islamabad   **2025 – Present**

FSc Pre-Medical Science   **Mardan, Pakistan**
Quaid-e-Azam College, Mardan   **2023 - 2025**

Matriculation   **Mardan, Pakistan**
Quaid-e-Azam School, Mardan   **2021 - 2023**

CERTIFICATIONS

- **Complete 2025 Python Bootcamp | CodeWithHarry**
  - Comprehensive "Learn Python from Scratch" course covering modern Python 3 development, debugging, and practical problem-solving.
  - **Issued:** September 2025

- **Python Essentials 1 & 2 | Cisco Networking Academy**
  - Earned through Adan Institute of Technology; validated proficiency in Python syntax, control flow, data types, and modular programming concepts.
  - **Issued:** January 2026

- **Artificial Intelligence Course | AWKUM Skills Revolution 2025**
  - Completed specialized training organized by the AWKUM Entrepreneurship Society and Students Council in collaboration with the District Youth Office, Mardan.
  - **Issued:** August 2025

CORE SKILLS

- **Programming:** Python 3, Scripting & Automation, OOP Concepts, Debugging & Code Optimization.
- **Development Tools:** Version Control (Git/GitHub), PyCharm, VS Code.
- **Technical Proficiencies:** Algorithm Design, String Manipulation, Financial Logic Implementation, Data Analysis Basics.
- **Professional:** Analytical Thinking, Technical Documentation, Project Management.

ACHIEVEMENTS

Validated Python Proficiency	AI & Tech Readiness	Professional Development
Earned Cisco **Python Essentials 1 & 2** certifications, validating command of modular programming, **data structures**, and **OOP.**	Completed the AWKUM Skills Revolution **AI course**, establishing a solid foundation in modern AI concepts.	Participated in **Mardan Career Fellowship** and completed **ASR Skill Revolution Program** at Abdul Wali Khan University.

PROJECTS

AI Virtual Desktop Assistant   Islamabad, Pakistan
                                                                      2025

- **System Integration:** Developed a Python-based virtual assistant using SpeechRecognition and PyWin32 to execute system commands (shutdown, restart) and manage local file storage for credential security.
- **API Implementation:** Integrated OpenAI API (GPT-4o) for natural language processing and NewsAPI for real-time information retrieval, enabling dynamic, conversational user interactions.

WhatsApp AI Automation Agent   Islamabad, Pakistan
                                                                      2025

- **Browser Automation:** Built a custom chatbot using Selenium WebDriver to interface with WhatsApp Web, utilizing DOM manipulation to read incoming messages and PyAutoGUI for simulating human keyboard input.
- **Context-Aware Logic:** Implemented a "Human-Vibe" persona using the OpenAI API to generate context-sensitive, multi-language replies, maintaining session persistence via custom Chrome user profiles.

Employee Data Management System   Islamabad, Pakistan
                                                                      2025

- **CRUD Architecture:** Engineered a robust command-line application to perform Create, Read, Update, and Delete operations on employee records using advanced file handling techniques.
- **Data Serialization:** Designed a custom parsing algorithm to validate user inputs and automated an Export-to-CSV feature, converting unstructured text data into structured spreadsheets for analysis.