

GHULAM MURTAZA KHAN

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CAREER SUMMARY

Electrical Engineering student (3rd semester, NUST) developing skills in programming and interested in machine learning and AI. Completed several projects using Python and basic ML techniques. Currently learning through online courses and self-study. Comfortable working independently or in team settings. Looking for opportunities to apply and further develop technical skills in AI and programming.

EDUCATION

BS ELECTRICAL ENGINEERING | NUST | 3rd Semester

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, HTML, CSS, JavaScript, SQL
- **CMS Platforms:** WordPress, WIX, Shopify
- **Concepts:** Data Structures, OOP, Web Development, Database Management, Basic Machine Learning
- **Tools:** Git, Jupyter Notebooks, Visual Studio Code

PROJECTS

- **WordPress Websites:** Built several websites using WordPress.
- **Front-End Websites:** Developed multiple websites using HTML, CSS and JS. One example is (hinx.vercel.app), a collaborative project with my friend showcasing products and online services.
- **E-Commerce Sites (HTML, CSS, JavaScript):** Designed basic e-commerce website layouts for product display, shopping cart, and checkout features.
- **Management Systems (Python, Tkinter, JSON):** Created GUI-based Parking, Library, and School Management Systems using Python, Tkinter for interface, and JSON for data storage.
- **Home Management System (C++, Qt, JSON):** Created GUI-based Home Management Systems, which controls cameras, lights and other digital appliances using C++, Qt for interface, and JSON for data storage.
- **Essay Analysis & Similarity Detection Tool (Python):** Developed a basic text similarity analysis tool using cosine similarity algorithm to compare essays and detect similarities and then using Matplotlib make visuals for results.
- **Tic Tac Toe Game (C++):** Programmed a console-based interactive Tic Tac Toe game.
- **Snake Game (C++):** Built a simple version of the classic Snake game using C++.
- **Weather Data Tracker and Forecasting (Python, SQL):** Developed a weather data tracker and forecasting system using Python to fetch historical weather data via the OpenWeatherMap API, perform time series analysis with Prophet, and visualize trends on a web dashboard, while SQL stores and analyzes the data for forecasting and trend calculation.
- **Student Attendance Tracker (C++, SQL):** Created a C++ student attendance tracker using STL containers and file handling, with an SQL database for storing attendance records and generating trend reports.

EXPERIENCE

INTERN | Local Software House | Islamabad

March 2024 – April 2024

Assisted in website development, managed content updates, and supported basic front-end development tasks using WordPress, HTML, CSS, and JavaScript.

PRODUCT MANAGER | Daraz Buy2Enjoy (Online Store) | Islamabad

Feb 2025 – Present

Managed product listings, pricing updates, and inventory tracking for a small online retail store on Daraz platform.

AUTO INSURANCE AGENT | Call Center | Islamabad

July 2024

Handled customer calls, provided insurance quotations, and processed client data for US-based auto insurance customers.

Tutor | 11th & 12th Grade Students | Islamabad

2 Year

Taught mathematics, physics, and computer science subjects to high school students for one year after completing FSc.