Muhammad Ishaq

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Education

National University of Sciences and Technology,	**Expected Graduation: May 2026**

Islamabad, Pakistan

Major: Electrical Engineering

Punjab Group of College Cantt campus Rawalpindi, Pakistan	**Graduated: June 2021**

Pre-Engineering

Public School and College, Skardu, Gilgit Baltistan	**Graduated: March 2019**

Science

Work Experience

XploreBot, *Islamabad, Pakistan- startup that Incubated in NIC for Aerospace & Technology*   ***Jan. 2024 – Present***
Co-Founder & Chief Operational Officer
• Built a Travel and Tourism Booking and Planning Website
• Orchestrated seamless integration of technology solutions to enhance user experience and drive business growth.

• Secured 500+ beta users with an exceptional average rating of 4.7, while forging partnerships with 30+ Hotels and Travel Partners.

Organization for Educational Change, Gilgit Baltistan, Pakistan   **April. 2024 – Present**
OEC, is a NGO, aiming to spread better education to the needy students.
IT head
• Spearheaded the development of a donation-based streaming website for the Institute for Learning (IFL) to support educational initiatives.
• Provided leadership and guidance to the IT team at the Organization for Educational Change (OEC), advancing technological capabilities to enhance educational outreach efforts.

Projects

Sales Data Analysis
• Analyze sales data for a retail company to identify trends, seasonal patterns, and key performance indicators (KPIs). Provide insights on product performance, customer preferences, and sales growth opportunities.

Expense Tracker Application
• Developed a Python-based CLI expense tracker to manage and categorize expenses, offering summary reports and optional basic data visualization.

Virtual Assistant with gtts in Python
• developed a virtual assistant with Google Text-to-Speech (gtts) functionality in Python.

MindSync AI-based Health Solution
• Designed and developed a comprehensive Android application using Flutter and Firebase, seamlessly integrating it with an AI chatbot developed by LLM.
• Contributed to the Google Solution Challenge by providing a holistic health solution addressing stress, anxiety, and psychological issues through innovative technology.

IFl system:
- Led a team of 4 members to develop the IFL System.
- Built a donor-based management system using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented features for managing donor contributions, student fee payments, and comprehensive admin oversight for system transparency and accountability.

Technical Skills

Programming Languages: Python, R, C++ , SQL , MongoDB, React, javascript, nodejs, Express, flutter, firebase

Data Analysis & Visualization: SQL, python , Tableau, Advanced Microsoft Excel