



## Syed Safeer Abbas Naqvi

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### ABOUT ME

A highly motivated and results-driven individual holding a **Bachelor of Science Information Technology (Honours)** degree from **Sindh Agriculture University, Tandojam**, with a commendable **CGPA of 3.49/4.00**. I possess a solid foundation in core IT principles, including Data Structures, Database Systems, and Network Security, acquired through **136 credit hours** of rigorous study. I am deeply committed to problem-solving, driving innovation, and seeking opportunities for continuous academic and professional growth in advanced technology fields.

### EDUCATION AND TRAINING

17/03/2021 – 26/05/2025 Tando Jam, Pakistan

**BS INFORMATION TECHNOLOGY** Sindh Agriculture University

- **Educational Background:** Bachelor's graduate in Information Technology with a **CGPA of 3.49**.
- **Core Expertise:** Strong foundation in **Software Development** and practical problem-solving.
- **System Administration:** Skilled in administering robust **Database** and **Network Security** systems.
- **Professional Objective:** Focused on utilizing **IT Project Management** knowledge to deliver scalable and effective real-world solutions.

**Website** <https://sau.edu.pk/> | **Field of study** Information and Communication Technologies (ICTs) not further defined | **Final grade** 3.49 CGPA |

**Level in EQF** EQF level 6 | **National classification** 7 | **Type of credits** (CR. HRS.) | **Number of credits** 136 |

**Thesis** DEVELOPMENT OF A WEB-BASED SYSTEM FOR QUALIFIED SKILLED WORKER SERVICES (QSWBS)

### WORK EXPERIENCE

**INTERN – CODEALPHA** – 10/12/2024 – 10/03/2025 – REMOTE

- Developed and maintained efficient scripts using **Python** programming language.
- Collaborated with the development team to design, code, and test software solutions.
- Assisted in debugging code and troubleshooting technical issues to ensure smooth application performance.
- Enhanced programming skills through practical tasks and real-world project implementation.

**INTERN – NEODOCTO INC** – 01/06/2023 – 31/08/2023 – REMOTE

- Performed Search Engine Optimization (SEO) to improve website visibility and search rankings.
- Assisted in managing and maintaining Information Technology Infrastructure.
- Collaborated with the remote team to support digital marketing strategies and technical operations.
- Gained practical experience in a remote work environment focusing on healthcare technology services.

### PROJECTS

**Solar Energy System Configuration & Management**

**Role:** Technical Lead / Administrator | **Specs:** 4.68 kW PV Array, Fronus PV 9000 Hybrid Inverter

#### Inverter Configuration & Logic:

- Executed **advanced configuration** of the Fronus PV 9000 Inverter, manually adjusting charging/discharging parameters (Amperes) and voltage cut-offs to maximize battery life.
- Programmed the **inverter's priority logic** (Solar > Battery > Grid) to ensure maximum utility savings and reduced dependency on the national grid.

## Load Analysis & Balancing:

- Performed comprehensive **electrical load calculations** to balance heavy inductive loads (Motors, ACs) against sensitive IT equipment (PCs, Routers).
- Implemented a **smart load-shedding strategy** during low-production hours to prevent system tripping and ensure 100% uptime for critical devices.

## Troubleshooting & Efficiency:

- Diagnosed and resolved installation issues related to **neutral-ground bonding** and frequency fluctuation.
- Maintained optimal system performance through regular monitoring of PV generation data versus consumption patterns.

## Medicine Reminder Application (Kivy Version)

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- **Technologies:** Python, Kivy Framework

• **Description:** Developed a desktop application using Python and Kivy to assist users in managing medication schedules. Implemented features for custom alarm setting, dosage tracking, and a user-friendly Graphical User Interface (GUI) to ensure timely medication adherence.

Link <https://github.com/syedsafeer/Medicine-Reminder-App/tree/main>

## Medicine Reminder Application (Tkinter Version)

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**Technologies:** Python, Tkinter Library

**Description:** Developed a robust **desktop GUI application** using Python and Tkinter to assist users in managing medication schedules. Implemented features for **custom alarm setting, dosage tracking**, and a user-friendly Graphical User Interface (GUI). This project successfully demonstrated the application of **Object-Oriented Programming (OOP)** for desktop application development.

Link <https://github.com/syedsafeer/Medicine-Reminder-App>

## HandyPro: Multi-Service Worker/Admin Management System

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- **Technologies:** Python (Flask), Firebase (Realtime DB, Auth), werkzeug.security (Hashing), HTML/CSS, JavaScript.

- **Key Features/Description:**

- Designed and implemented a scalable web application for managing service providers (e.g., Plumbing, HVAC, Carpentry) and general users.
- Engineered a multi-tiered authentication system for **Admin, Service Providers (Workers), and Users**, using Firebase Authentication and secure password hashing.
- Developed a dedicated **Admin Panel** to manage and approve pending worker registrations, ensuring security and service quality.
- Created a **Real-time Messaging and Offer System** (Chat Box) to facilitate direct communication and service agreement negotiation between users and workers.
- Managed data persistence, user profiles, and chat logs using **Firebase Realtime Database**.
- Integrated yagmail for automated email notifications upon account approval/rejection.

Link <https://github.com/syedsafeer/Handypro>

## Dual-Boot System Administration

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- **Technologies:** Kali Linux, Windows 11, Disk Partitioning, Troubleshooting

• **Description:** Successfully implemented a secure dual-boot environment running Windows 11 and Kali Linux. Resolved complex partitioning issues and file system mount errors (BitLocker/NTFS), demonstrating strong troubleshooting skills in Operating System management.

## SKILLS

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Python | SEO | Linux | ICT networking hardware | securities | Microsoft Office: Word, Excel, Powerpoint, Outlook, OneNote | Configuration | Analysis | Git | computer technology | search engines | troubleshoot | Troubleshooting | operating systems

## LANGUAGE SKILLS

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Mother tongue(s): **SINDHI | URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## DIGITAL SKILLS TEST RESULTS

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 Information and data literacy	<b>ADVANCED</b> Level 6 / 6
 Communication and collaboration	<b>ADVANCED</b> Level 6 / 6
 Digital content creation	<b>ADVANCED</b> Level 6 / 6
 Safety	<b>ADVANCED</b> Level 5 / 6
 Problem solving	<b>ADVANCED</b> Level 6 / 6

Results from a [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

## CERTIFICATIONS

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Google Cloud Skills Boost

### Applying AI Principles with Google Cloud

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**Description:** Completed training on ethical Artificial Intelligence practices. Learned how to operationalize responsible AI principles in cloud deployments and ensure fairness, privacy, and safety in AI models.

**Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16927225?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16927225?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

### Introduction to Data Analytics in Google Cloud

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**Description:** Gained foundational knowledge of data analytics using Google Cloud tools. Covered data processing, warehousing, and insights generation to support decision-making processes.

**Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16931758?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16931758?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

### Introduction to Generative AI

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**Description:** Explored the fundamentals of Generative AI, including how Large Language Models (LLMs) work and how they differ from traditional AI development methods.

**Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16906138?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16906138?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

### Introduction to Large Language Models

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**Description:** Studied the architecture and capabilities of Large Language Models (LLMs). Learned about prompt tuning and how to leverage LLMs for natural language processing tasks.

**Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16917339?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16917339?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

### Introduction to Responsible AI

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**Description:** Focused on the importance of building AI systems that are ethical, transparent, and compliant with global standards. Covered key concepts of bias mitigation in machine learning.

## **Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16917372?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16917372?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

## **Introduction to Security Principles in Cloud Computing**

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**Description:** Acquired essential knowledge of cloud security models, including the shared responsibility model, identity management, and data protection strategies within Google Cloud.

## **Mode of learning:** Online

**Link** [https://www.skills.google/public\\_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16936787?utm\\_medium=social&utm\\_source=linkedin&utm\\_campaign=ql-social-share](https://www.skills.google/public_profiles/85a960b0-2bb4-4c68-a3eb-2ae6635ad69a/badges/16936787?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share)

Google Cloud Skills Boost

## **Prompt Design in Vertex AI Skill Badge**

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**Description:** Earned a skill badge for demonstrating proficiency in designing effective prompts for Vertex AI. Validated skills in optimizing AI responses for specific business use cases.

## **Mode of learning:** Online

**Link** [https://www.credly.com/badges/5c14925f-c837-435c-866d-191738f387b4/linked\\_in\\_profile](https://www.credly.com/badges/5c14925f-c837-435c-866d-191738f387b4/linked_in_profile)

Udemy

## **Build 8 Python Apps, Games, and Web Applications**

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**Description:** This course offers hands-on experience by guiding through the development of 8 real-world Python projects, including games and web applications. Developed strong Python fundamentals, Game Development with Pygame, Desktop GUI Apps with Tkinter, and Web Application Development.

**Link** <https://www.udemy.com/certificate/UC-297d6ac0-8e0e-4612-af8e-5fb11fbea13b/>

Udemy

## **Master the Machine Muse: Build Generative AI with ML**

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**Description:** Focused on Generative AI and Deep Learning using Python programming. Explored the future of Generative AI and practical implementations of machine learning models.

## **Mode of learning:** Online

**Link** <https://www.udemy.com/certificate/UC-14eb93f2-ccb9-42f8-b993-bb527f79a09c/>

## **CONFERENCES AND SEMINARS**

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07/03/2023 – 08/03/2023 Umerkot, Sindh, Pakistan (Organized by Sindh Agriculture University Campus Umerkot)

### **1st International Conference on Biodiversity of Arid Zone (ICBAZ-2023)**

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- Participated in the international conference organized by Sindh Agriculture University Campus Umerkot.
- Engaged in sessions focusing on the current scenario and future perspectives of biodiversity in arid zones.
- Gained insights into environmental sustainability and agricultural challenges in the region.

## **VOLUNTEERING**

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07/03/2023 – 08/03/2023 Umerkot, Sindh, Pakistan

### **Event Volunteer - 1st International Conference on Biodiversity of Arid Zone (ICBAZ-2023)**

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- Volunteered at the international conference organized by Sindh Agriculture University Campus Umerkot.
- Assisted the organizing committee with event logistics, guest registration, and venue management.
- Helped facilitate sessions on biodiversity and environmental sustainability, ensuring smooth coordination for participants.

## **HOBBIES AND INTERESTS**

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### **Exploring Operating Systems**

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**Description:** Passionate about testing and tweaking different operating systems to understand system architecture, security features, and advanced troubleshooting.

### **Home Automation & Green Tech Experiments**

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**Description:** Actively engaged in optimizing home energy efficiency through hybrid solar system experiments and smart electrical load distribution logic.

## Cultural Exploration

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**Description:** Deeply connected to the rich heritage of **Sindh**, I actively explore the history of the **Indus Valley Civilization**, with a specific focus on the archaeological significance of **Mohenjo-daro**. I am passionate about bridging the gap between this ancient wisdom and modern global perspectives, aiming to share the depth of my cultural roots while embracing diverse international traditions.