

ASHFAQUE ALI

28 Room Number Sarmsat Hostel SAU Tandojam

0317-3490004

ashfaqprogrammer@gmail.com

ashfaq-shanbani

AshfaqueShanbani

Education

Sindh Agriculture University, Tando Jam

Bachelor of Science in Information Technology

Feb. 2022 – Feb. 2026

Tando Jam, Sindh

Government Sachal Sarmast Degree College Ranipur

Intermediate in Pre-Engineering, BISE Sukkur

2019 – 2021

Ranipur, Sindh

Al Mehran Public School Kumb, Khairpur

Matriculation in Science, BISE Sukkur

2017 – 2019

Kumb, Sindh

Courses & Certifications

National Vocational & Technical Training Commission (NAVTTC)

Mobile Application Development

May 2023 – Aug 2023

Hyderabad, Sindh

Sindh Board of Technical Education (SBTE)

Diploma in Information Technology (DIT)

2020 – 2021

Gambat, Sindh

Experience

Sindh Agriculture University (UMS Department)

Tandojam

Software Backend Developer (Contract)

Nov 2025 – Present

- Architected and developed the **University Management System (UMS)** admission portal, automating the end-to-end admission cycle.
- Implemented **Role-Based Access Control (RBAC)** featuring 3 distinct panels: **Student Portal**, **Scrutinization Admin**, and **Super Admin**.
- Engineered complex backend algorithms to automatically calculate **CPN (Composite Percentage Number)** and generate dynamic **Merit Lists** based on entry test results.
- Integrated a **QR-code based verification system** to authenticate students in real-time at the entry gate, ensuring secure access control.

Churpur

May 2024 – Present

Android and Web Developer

Remotely

- Developing and maintaining Android applications using **Java**, integrated with a **PHP-based backend** through **RESTful APIs**.
- Worked on **real-time updates**, **Firebase notifications**, and **user authentication** for a smooth user experience.
- Developed and managed the **Churpur website**, ensuring a responsive and user-friendly design.
- Collaborated remotely with cross-functional teams to deliver new features and resolve issues efficiently.

Parghor

June 2024 – January 2025

Android App Developer

Remotely

- Built and maintained an Android application using **Java** and **Firebase**, connected to a **PHP backend** via APIs.
- Integrated **Google Maps**, **directions**, and **location-based services** to enhance app usability.
- Assisted in improving the app's **performance**, **UI**, and **navigation experience** for users.
- Collaborated with backend developers to test and debug API endpoints.

Pakistan Customs Academy

June 2025 – July 2025

Networking Intern

Karachi, Pakistan

- Assisted in managing and maintaining **computer labs** and network infrastructure.
- Installed and configured **software**, **operating systems**, and **lab equipment**.
- Supported troubleshooting and ensured all computers were connected and functioning properly.

NTDC (National Transmission & Dispatch Company), Head Office

July 2025 – Sep 2025

IT Intern

Lahore, Punjab

- Worked in the **IT Department** on web maintenance and digital system support.
- Learned and worked with **SAP** for enterprise-level operations and data management.
- Assisted in general IT operations including **website updates**, **troubleshooting**, and system support.

- Taught **Python programming fundamentals** and hands-on coding exercises to university students.
- Designed **assignments and practice tasks** to build logical and problem-solving skills.
- Guided students in writing clean, structured, and efficient code.

Projects

Bulk SMS Automation App | Android (Java), Apache POI, XML

- Developed a productivity tool to **automate bulk messaging** by fetching contacts directly from Excel (.xlsx) files.
- Integrated **Apache POI library** for file handling and implemented **DataFormatter** to resolve scientific notation and formatting issues in phone numbers.
- Optimized the SMS dispatch logic to handle large contact lists efficiently using Android's **SmsManager**.
- **Link:** [LinkedIn](#)

VoiceMate – Voice Assistant Android App | Android (Java), Firebase, Google Speech API

- Developed an interactive **voice assistant app** capable of performing quick actions and responses through speech recognition.
- Integrated **Google Speech API** for accurate voice processing and real-time feedback.
- Designed a simple and intuitive UI for seamless interaction.
- **Link:** [Linkedin](#)

MessageCatch App – WhatsApp Message Recovery | Android (Java), Firebase, Room Database

- Built an Android app to **recover and view deleted WhatsApp & WhatsApp Business messages**.
- Implemented **BroadcastReceiver** to capture deleted message notifications with timestamps.
- Added a lightweight UI ensuring speed and smooth user experience.
- **Link:** [Linkedin](#)

Offline to Online SMS Sync System | Android (Java), Firebase, Room Database

- Developed an Android background service to **capture and sync SMS to Firebase** automatically.
- Used **WorkManager** and **BootReceiver** for background auto-sync even after device restart.
- Stored offline data locally using **Room Database**.
- **Link:** [Linkedin](#)

Ajkijob.com – Job Search Platform | PHP, MySQL, HTML, CSS, JavaScript

- Developed a **job listing platform** displaying jobs from multiple newspapers and online sources.
- Created an **admin dashboard** for job management, approval, and publishing.
- Optimized for SEO and deployed on Google for public access.
- **Link:** [ajkijob.com](#)

Local Markeet App | Android (Java), PHP, MySQL

- Built a marketplace app where sellers can **register, post, and manage products**.
- Integrated **WhatsApp-based buying** and admin control for managing listings.
- Connected the app with a **PHP-based backend** using REST APIs.
- **Link:** [Local Private](#)

CV Maker App | Android (Java)

- Created a simple CV builder app where users can input details and generate a downloadable PDF CV.

- Focused on a minimal, easy-to-use UI with clean PDF formatting.
- **Link:** Local App

Attendance System (Location-Based) | Android (Java), Firebase, Google Maps API

- Developed a student attendance app with **GPS-based verification** and real-time syncing.
- Integrated Firebase for data management and map visualization.
- **Link:** LinkedIn

Logical Testing Service (LTS) Website | PHP, MySQL, Bootstrap, JavaScript

- Built an online testing portal supporting **exam scheduling, results, and admin dashboards**.
- Added search, filtering, and export functionality for efficient data handling.
- **Link:** Website Link

GenerationGrowGreen – NGO Website | HTML, CSS, JavaScript

- Created a **responsive NGO website** promoting environmental awareness and sustainability.
- Implemented a clean UI, intuitive navigation, and mobile-first design.
- **Link:** Local Private

BTEC Software House Website | HTML, CSS, Bootstrap, PHP

- Developed a professional company website to showcase projects and services.
- Implemented modern UI with responsive design and quick navigation.
- **Link:** Website

Technical Skills

Languages: Java, Python, PHP, HTML, CSS, JavaScript, SQL

Frameworks / Libraries: Firebase, Retrofit, Room, Dagger, RxJava, Glide, ExoPlayer, Google Maps API, Bootstrap

Developer Tools: Android Studio, VS Code, Git, GitHub, XAMPP, Postman, Figma, MySQL Workbench

Technologies: RESTful APIs, Firebase Cloud Messaging (FCM), Google Cloud, WordPress, Linux

Leadership / Extracurricular

Class Representative

Sindh Agriculture University, Tandojam

2021 – 2025

- Served as class representative from grade 11 to bachelor's, managing communication between students and faculty.
- Organized academic discussions, coordinated assignments, and supported classmates in administrative matters.
- Planned and arranged class tours, events, and group activities throughout the academic years.

Founder – Student Help Desk

Remotely

2023 – Present

- Founded a student-led initiative to guide and assist new students during university admission and registration.
- Provided mentorship and information sessions to help students understand university processes and documentation.

Co-Lead – Pakistan Engineering Forum (PEF)

Sindh Agriculture University, Tandojam

2023 – 2024

- Collaborated with the lead team to organize technical and social events under PEF.
- Contributed to planning and coordination of seminars, workshops, and student engagement activities.