

# USAMA SARWAR

Software Engineer / Chief Technology Officer



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- Faisalabad, PB, PK

## PROFILE

Inquisitive, energetic Computer Science Graduate skilled in leadership with a strong foundation in OOP, data structures, problem-solving and cross-platform development with Google Flutter Technology. E-Commerce Development expert since 2015, empowering more than a hundred businesses with an increase in more than \$10M+ revenue with digital solutions. Seeking to leverage solid skills in leadership, development and production.

## EDUCATION 16 years

- 2012 ... 2014 **CADET COLLEGE SKARDU**  
Matriculation (Biology)  
A+ Grade
- 2015 ... 2017 **SIAC FAISALABAD**  
Intermediate (Pre-Engineering)  
A Grade
- 2017 ... 2021 **COMSATS UNIVERSITY ISLAMABAD**  
Bachelor of Computer Science  
3.3/4 CGPA

## LANGUAGES

- English
- Urdu
- Punjabi
- Hindi

## CERTIFICATIONS

- 24-04-2020 **Dart and Flutter**   
ID: cert\_64chmfgt
- 22-12-2020 **Digital Marketing**   
ID: MNEDRAHEE
- 13-02-2023 **Security Operations Analyst**   
ID: 994591889

## CORE SKILLS

- Mobile App Development
- Web Dev
- Graphic Designing
- Digital Marketing

## PROGRAMMING LANGUAGES

- Js
- C++
- Java
- Dart
- SQL
- Python

## FRAMEWORKS

- Flutter
- Django
- Flask
- FastAPI
- React
- WooCommerce
- Wordpress
- Shopify

## ARTIFICIAL INTELLIGENCE

- LLM
- RAG
- n8n
- LangChain

## TECHNOLOGY & TOOLS

- Oracle
- Firebase
- Netbeans
- Visual Studio
- Visual Studio Code
- Android Studio
- Xcode
- Figma
- Adobe Xd
- Photoshop
- Illustrator

## CORPORATE EXPERIENCE 13+ years

- 2012 IT Manager
- 2014 Graphic Design
- 2015 Video Editing
- 2016 Digital Marketing
- 2017 Web & App Development
- 2021 Senior Team Lead
- 2022 Technical Trainer
- 2023 Master Flutter Trainer (Govt. of Sindh)
- 2024 Senior IT Project Manager
- 2025 Chief Technology Officer

# LONG-TERM CONTRACTS



2025  
DEC



## Chief Technology Officer

Uear Hearing Technology (Karachi, PK)  
[www.uearhearing.com](http://www.uearhearing.com)

CONTRACT

Role: IT Infrastructure Architect · CRM Development · Web Development

2023  
OCT



## Chief Technology Officer

Zeeshan Textile Pvt. Ltd. (Faisalabad, PK)  
[www.ztextile.com](http://www.ztextile.com)

PROJECT

### FOUZIK

E-commerce Store

Platforms: Website

Features: E-commerce store with smooth shopping experience.

Roles: Development · Digital Marketing · Graphic Designing

2023  
FEB



## Chief Technology Officer

M.R. Consultants Pvt. Ltd. (Lahore, PK)  
[www.mrconsultants.org](http://www.mrconsultants.org)

PROJECTS

### MRC DIGITAL

Customer Relationship Management System

Platforms: Website · Android · iOS · macOS · Windows

Technologies: Flutter · Dart · Firebase · Google Cloud · Vertex AI

Features: Multiple roles such as Admin, Sub-agent, Branch Manager, Counsellor, Associate, Call Center Roles, Accountant.

### AI Counsellor

AI Study Abroad Counsellor App

Platforms: Website · Android · iOS · macOS · Windows

Technologies: Flutter · Dart · Firebase · Google Cloud · Vertex AI

Features: Act as a real study abroad counsellor and facilitate students. Trained by experienced Team MRC.

### Stepabroad Community Platform

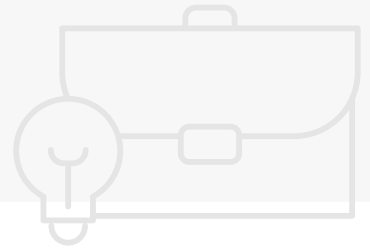
Dedicated Study Abroad Community

Platforms: Website · Android · iOS · macOS · Windows

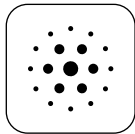
Technologies: PHP · MySQL · HTML · JavaScript

Features: Dedicated social media platform for study abroad students and counsellors.

# CORPORATE EXPERIENCE



2026  
MAR  
:  
2025  
AUG



## Senior Software Engineer

Virtuans AI (Delaware, US)  
[www.virtuans.ai](http://www.virtuans.ai)

### PROJECTS

#### Agentic AI

AI Sales Representative Solution

Platforms: Website · Android · iOS · macOS · Windows

Technologies: Next.js · Python · Django · Firebase · Google Cloud · Amazon Bedrock

Features: WhatsApp Agent · AI Calling Agent · Zoho Integration

#### Virtuans App

Cross-platform App (Android · iOS · macOS)

Platforms: Website · Android · iOS · macOS

Technologies: Flutter · Dart · Firebase

Features: Real-time chats sync and seamless experience across multi-platforms of Agentic AI.

2024  
AUG  
:  
2024  
MAY



## Senior App Developer

PowerHouse (California, US)  
[www.powerhouse.so](http://www.powerhouse.so)

### CONTRACT

Role: Cross-platform App Development (Flutter · Firebase · Google Cloud)

2023  
AUG  
:  
2023  
MAY



## Master Flutter Trainer

IT Industry Academia Bridge Program (Sindh, PK)  
Hazza Institute of Technology (HIT)



### PROJECT

**IT Industry Academia Bridge Program** (Government of Sindh)

Training of Teachers & Undergraduate students from public & private universities

Technologies: Flutter · React Native · Dart · Firebase · Google Cloud · Vertex AI

Universities: Sindh Agriculture University · University of Sufism and Modern Sciences · Government College University, Hyderabad (Training of Teachers)

Role: Flutter Master Trainer in above universities

2022  
NOV

:

2021  
AUG



## Technical Trainer

DevNation (Techstars '21) (Singapore)  
www.thedevnation.com

### PROJECTS

#### TechLift & PASHA (Government of Punjab)

Industry-led Bootcamp Program

Technologies: Flutter · ReactNative · Dart · Firebase · Google Cloud · Vertex AI

Role: I prepared training material and codelabs for Flutter & ReactNative



#### Flutter Bootcamp (Techstars '21)

Industry-led Bootcamp Program

Platforms: Website · Android · iOS · macOS · Windows

Technologies: Flutter · Dart · Firebase · Google Cloud · Vertex AI

Role: Flutter Master Trainer



2022  
FEB

:

2021  
MAY



## Senior Team Lead

Bytrix Technologies (Florida, US)  
www.bytrix.com

### PRODUCT

#### E-commerce Solution

E-commerce Website, Android and iOS App

Technologies: Flutter · Dart · Firebase

Role: I developed cross-platform e-commerce solution for Website, Android and iOS.

2021  
AUG

:

2012  
OCT



## IT Manager

Fozia Mother Care Hospital  
Faisalabad, Punjab, PK

### Part-time

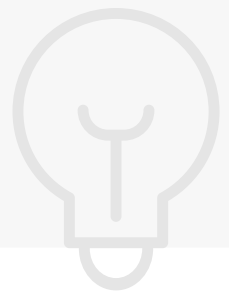
#### Information Technology Manager

IT Infrastructure, Office Automation, Appointment, Medical Inventory Software

Technologies: Microsoft Office Automation · Appointment Scheduling · Medical Inventory Software

Role: To develop and maintain IT Infrastructure to ensure smooth hospital operations using technology.

# SKILLS & EXPERTISE



- 2014 • **PROJECT MANAGEMENT**
  - Tools**  
Jira · Microsoft Office (MS Office) · Google Workspace · Trello
  - Skills**  
Leadership · Communication · Time management · Organization  
Problem-solving · Risk management · Team management  
Negotiation · Budgeting · Quality control · Resource allocation  
Decision-making · Planning and scheduling · Adaptability and flexibility  
Stakeholder management · Conflict resolution
- 2015 • **GRAPHIC DESIGNING**
  - Tools**  
Adobe Creative Suite (Photoshop, Illustrator, InDesign) · Canva · PicsArt
  - Skills**  
Typography · Layout Design · Branding and Identity · Web Design  
Print Production · Digital Illustration · Photography and Image Editing  
UI/UX Design · Packaging Design · Advertising and Marketing Design  
Visual Communication · Color Theory and Management  
Sketching and Concept Development · Design Thinking and Problem-Solving
- 2015 • **UI/UX DESIGN & DEVELOPMENT**
  - Tools**  
Adobe Xd · Figma
  - Skills**  
Human Computer Interaction · Wireframing · Prototyping · Product Design  
User Interface Design · User Experience Design · User research  
Visual design · Information architecture · Usability testing  
Interaction design · User personas · User flows
- 2015 • **VIDEO EDITING & ANIMATIONS**
  - Tools**  
Adobe After Effects · Camtasia · VideoScribe
  - Skills**  
Video Editing · Video After Effects · Video Fx · Motion Graphics · Animation

2016

## DIGITAL MARKETING

### Tools

Google Ads · Google Analytics · Google Trends · Meta Ads · MailChimp

### Skills

Search Engine Optimization (SEO) · Pay-Per-Click (PPC) advertising  
Social Media Marketing (SMM) · Content Marketing · Email Marketing  
Data Analysis · Conversion Rate Optimization (CRO)  
Marketing Automation · Mobile Marketing · Video Marketing  
Affiliate Marketing · Influencer Marketing · Brand Management  
Web Design and Development · Customer Relationship Management

2016

## PROGRAMMING & DEVELOPMENT

### Tools

Microsoft Visual Studio Code · Microsoft Visual Studio · NetBeans IDE  
Xcode · Android Studio · Jupyter Notebook · IntelliJ PyCharm · Unity  
BuildBox · WordPress · Git · GitHub · Sublime Text · Chrome Developer Tools

### Skills

Website Development · Software Development · Android App Development  
iOS App Development

### Programming Languages

C++ · C# · Java · JavaScript · Dart · Python

### Structural Languages

HTML · CSS · Markdown · Mermaid · JSON · XML · SQL · NoSQL

### Frameworks

Flutter · Django · Flask · FastAPI · React.js · Next.js · WordPress · Shopify

2017

## EMERGING TECHNOLOGIES

Internet of Things (IoT) · Artificial Intelligence · Machine Learning

2018

2018

2019

2020

# FEATURED COMMUNITY PROJECTS



## DIGIHOMEO

### AI-powered Homeopathy Software

DigiHomeo, founded and developed by Usama Sarwar, is an AI-powered platform and clinical intelligence assistant inspired by his father's practice and designed specifically for licensed homeopathic practitioners. It bridges traditional principles with modern technology by offering AI-driven decision support to streamline repertorization, manage detailed case histories, and guide accurate remedy selection based on core laws like individualization.

[dighomeo.com](http://dighomeo.com)

## CONNECT FREELANCING PLATFORM

### Social Freelancing Marketplace

Connect is a community-driven freelancing platform that connects businesses with freelancers to provide diverse IT services, including software development, web development, and graphic design. Striving to be an innovative and inclusive global leader, it empowers its users by offering valuable industry resources and actively advocating for freelancer rights.

[connect.usama.dev](http://connect.usama.dev)

## OPENLISTINGS

### Giveaways, Gifts & Free Classifieds

OpenListings is a free, community-driven platform allowing businesses, freelancers, and individuals to list and discover products, services, and opportunities with zero fees. Going beyond a traditional marketplace, it fosters a supportive global environment aimed at empowering people, connecting communities, and making opportunities accessible to everyone.

[openlistings.web.app](http://openlistings.web.app)

<https://play.google.com/store/apps/details?id=dev.usama.openlistings>

## WHATSUP

### Discounts & Coupons App

WhatsUp is a global app operating in 158 cities that provides unlimited discounts at over 20,000 merchants, helping users save significantly on everything from dining and shopping to travel and wellness. Operating under the motto "PAY LESS. DO MORE," it supercharges users' lifestyles by combining these massive savings with exclusive perks like free entry to events and chances to win exciting prizes.

<https://play.google.com/store/apps/details?id=dev.usama.whatsup>

## VIRALVIDEO

### Entertainment Mobile App

The ViralVideo App is a comprehensive platform designed for all ages, curating a wide variety of web content including news, sports, live TV channels, and diverse entertainment categories. By offering everything from exclusive leaks to a Hotspot+ lifetime subscription, it positions itself as the ultimate one-stop shop for all your entertainment needs.

<https://play.google.com/store/apps/details?id=dev.usama.hotspot>

# FEATURED CLIENT PROJECTS



## **LOADWISE** (Canada)

### Freight Shipping Platform

LoadWise is a logistics mobile app that connects shippers and carriers. Shippers post their loads and receive bids from carriers. Carriers can find loads that match their capacity and location. The app features real-time bidding, a user-friendly interface, and multi-platform accessibility (Android and iOS). An optional admin panel allows for user management and app monitoring.

[tryloadwise.web.app](https://tryloadwise.web.app)

## **SIRCLE** (Canada)

### Cross-border Shipping Solution (CRM)

Sircle simplifies cross-border shopping from North America. Use your dedicated Sircle address to shop at your favourite stores. Instead of receiving multiple packages, consolidate them at our secure Sircle address in North America. Then, through the user-friendly "Incoming Packages" tab, tell Sircle where you'd like your consolidated package shipped - all built with Flutter for a smooth experience.

[sircledev.web.app](https://sircledev.web.app)

## **MRC Digital** (Dubai)

### Study Abroad Consulting Solution (CRM)

MRC Digital is a cutting-edge, cross-platform web portal designed to streamline student enrollment in study abroad programs across Android, iOS, macOS, and Windows. Catering to multiple user roles, including Counsellors, Call Center agents, Students, Branch Managers, Sub-agents and Admins, it facilitates lead management, student registration, university applications, and visa processing. Built with Flutter, it offers a seamless, real-time experience with offline persistence and PWA functionality for accessibility. As an integral part of MRC Workplace systems, it powers millions of operations within seconds, integrating student portals, accounts, and call center functions to enhance efficiency and connectivity across departments.

[crm-mrc.web.app](https://crm-mrc.web.app)

## **AI Counsellor**

### Study Abroad AI Counsellor

AI Study Abroad Counsellor, an innovative solution designed to revolutionise your journey towards international education. **Personalised Guidance:** Our AI-driven platform analyses your academic background, financial situation, and career aspirations to provide tailored recommendations for study destinations and programs. **Comprehensive Resources:** Access detailed information on universities, courses, scholarships, and visa requirements, all in one convenient location. **Real-Time Assistance:** Receive instant responses to your queries, ensuring you're well-informed at every step of the application process. **User-Friendly Interface:** Navigate effortlessly through an intuitive design, making your study abroad planning both efficient and enjoyable.

[crm-mrc.web.app/ai](https://crm-mrc.web.app/ai)

# COMMUNITY CONTRIBUTIONS



## OPEN SOURCE CONTRIBUTIONS

### GetX

Flutter State Management Solution

<https://github.com/jonataslaw/getx/graphs/contributors>

### Telegram

Flutter Telegram API Package at Pub.dev

<https://pub.dev/packages/telegram>

### CSV

Flutter CSV Handling Package at Pub.dev

<https://github.com/close2/csv/graphs/contributors>

### CMD

Flutter CMD Utility Package at Pub.dev

<https://pub.dev/packages/cmd>

## COMMUNITY TECH TALKS & TRAININGS CONDUCTED

### Flutter Festival

Hands-on workshop on Flutter Development

[Mall of Faisalabad, Punjab, PK](#)

### Flutter Workshop

Modern App Development Workshop

[Agriculture University Faisalabad, Punjab, PK](#)

### Expert Tech Talk

Expert Talk for Flutter App Development

[Facebook Live, DevNation, Lahore, PK](#)

### OOP Training

Workshop on Object Oriented Programming

[COMSATS University Islamabad, Sahiwal, Punjab, PK](#)

### Local Hack Day

UI/UX Design Awareness at Local Hack Day

[eLibrary, Okara, Punjab, PK](#)

### Live Seminar

Career Development Seminar

[Youtube Live, GrowMore Ltd.](#)

### Training of Teachers

Modern App Development using Flutter

[GC University Hyderabad, Sindh, PK](#)

### Flutter Master Trainer

IT Industry Academia Bridge Program

[Government of Sindh, PK](#)

### Flutter Dev Training

IT Industry Academia Bridge Program

[Sindh Agriculture University, Sindh, PK](#)

### Flutter Dev Training

IT Industry Academia Bridge Program

[University of Suffism and Modern Sciences, Sindh, PK](#)