Usmana Zulfiqar

Application Developer

Lahore, Punjab, Pakistan   **0331-4311640**
usmanazulfiqar20@gmail.com   **GitHub | LinkedIn | Portfolio**

I'm a passionate mobile app developer with a strong interest in building real-time, user-friendly applications using React Native, Kotlin, Flutter, Firebase, and Django with 3 years' experience. I enjoy both front-end design and backend integration, aiming to create seamless user experiences. I'm always eager to explore new tools, tackle challenges, and grow as a developer. My goal is to build meaningful apps that make everyday life easier and more efficient

PROFESSIONAL EXPERIENCE

Mobile Application Developer| reimagine   *July 2023 – Present*
- Developed a Screen Mirroring App using Kotlin Jetpack Compose with browser mirroring, game streaming, and media projection.
- Built a secure Family Locator System using Django, JWT authentication, Flutter.
- Integrated UI/UX designs via Figma, Canva, and Google Web Designer.
- Created promotional content using CapCut.
- Contributed to full-stack mobile development with real-time database and Firebase integration.

Web Development Intern | Crowdstrike (Remote)   *March 2023 – Jun 2023*
- Built a responsive Music Player app using JavaScript, HTML, and CSS.
- Developed a React.js login system with Firebase authentication and integrated a keyword-based web scraper saving to TXT/CSV using Python and AI.
- Created and deployed a Next.js personal portfolio showcasing skills and project experience.

Capstone Project | University-Based Program   *Sep 2022 – Jan 2023*
- Developed full-stack mobile and web solutions using React Native, Node.js, Firebase, and MongoDB.
- Led development of the AuraUserve-Mobile-App, enabling users to book home services with real-time Firebase data management, user authentication, and scalable architecture.
- Built the Home-Service-Connect Web App, a responsive platform connecting users with service providers for household maintenance. Features include user-friendly interface and service filtering.
- Demonstrated end-to-end development and integration of mobile and web solutions for production-level deployment.

CodeSquad.AI | Content Writing (Remote)   *July 2022 – Aug 2022*
- Wrote and edited content for websites, blogs, and marketing campaigns.
- Utilized SEO tools and performed content proofreading to meet quality standards.

PROJECTS

MOBILE APPLICATION DEVELOPMENT

React Native Projects
AuraUserve (Home Service App) – React Native, Node.js
Developed a mobile application for users to book electricians, plumbers, cleaners, and other home service providers. Integrated Firebase for authentication and real-time database functionality to manage bookings and availability. Ensured a user-friendly UI with intuitive navigation, responsive design, and notification system.

Consult A Specialist Doctor Online – Heal Online – React Native

Built a telemedicine app with doctor/patient registration, online appointment booking, video consultations, and admin panel. Implemented secure user authentication, real-time updates, and seamless video integration for online healthcare services.

AI Chatbot – React Native

Developed an AI-powered virtual assistant using natural language processing. Users can ask questions, generate content like essays, cover letters, SEO-optimized text, poems, and scripts. Designed for various occasions including holidays and events, providing both assistance and learning experiences.

Flutter Projects

E-Learning Mobile Application – Flutter

Developed a mobile app offering interactive coding tutorials, quizzes, dynamic content loading, and leaderboard tracking. Integrated Firebase for storing user progress, quiz scores, and leaderboard stats

Vault: Personal Wallet & Notes – Flutter

Built a secure personal wallet and notes app for managing documents, emails, addresses, and bank accounts. Focused on enhanced privacy and security, allowing users to store, share, and organize information efficiently.

House Design Floor Plan 2D Creator – Flutter

Developed a home design and floor planning app. Features include 2D house design, 3D interior visualization, calculators for bricks, flooring, cement, plastering, asphalt, steel weight, and water sump tank. Designed for seamless home planning and interior visualization

Kotlin Projects

Screen Mirroring App – Kotlin (Private)

Built an advanced screen mirroring app supporting **live screen sharing, browser mirroring, game streaming, screenshot capture, and screen recording**.
- Implemented secure permission handling, optimized frame rates, and smooth cross-device casting.
- Added user controls for media projection with toggles for audio, overlays, and capture setting

Family Locator System –Kotlin Jetpack (Private)

Designed a secure location tracking system where family members can create/join groups and share live locations. Implemented JWT authentication, real-time location updates, emergency alerts, and background location services optimized for battery usage..

WEB DEVELOPMENT

Home-Service-Connect – React.js
- A web app that connects users with verified service providers for household maintenance. Features service listings, booking UI, and responsive design.

ShopVista – E-commerce – React.js, Redux, REST APIs
- Built a dynamic e-commerce site with features like cart, checkout, real-time product filtering, and order placement.
- Integrated Redux for efficient state management and scalability.
- Used responsive design techniques for a seamless experience across devices.

Smart Learning Management System (LMS) – Django
- Created a complete LMS platform with functionalities like assignment upload, study material sharing, and attendance tracking.
- Teachers can manage classrooms, while students can download content, submit assignments, and view deadlines. Emphasized security and access control through user roles and authentication

AI & MACHINE LEARNING
AI-Powered Image Dehazing System – Python

- Custom U-Net architecture tailored for haze removal.
- Trained on 65,000+ hazy/clear image pairs for high accuracy.
- Real-time dehazing support for both images and videos.
- Achieves 99.9% SSIM and 52dB PSNR, outperforming standard image enhancement models. Compatible with JPEG, PNG, and MP4 formats

Web Scraper App

- Keyword-based content analysis on any public webpage.
- Live highlighting of matched keywords within scraped content.
- Supports exporting results to CSV or TXT directly.
- Handles invalid URLs and network failures with detailed messages.

EDUCATION

Superior University, Lahore
BSc Information Engineering Technology   **CGPA**:3.45

SKILLS & TECHNOLOGIES

Frontend: React.js, HTML, CSS, Bootstrap
Backend: Django(python), Node.js
Mobile Development:Jetpack Compose, Kotlin, React Native, Java, Flutter
Database Management System: MongoDB, Oracle, Firebase, SQLite , MySQL, PostgreSQL
Tools & Platforms: Git, VS Code, Android Studio, Postman, Microsoft Office (Word, Excel, PowerPoint, Access)
Design & Editing: Figma (UI/UX Design), Canva, CapCut, Photoshop
Other Skills: Artificial Intelligence / Machine Learning (AI/ML), Project Management, Data
Entry **Languages:** Urdu (C1), Punjabi (C3), English (A1)

CERTIFICATIONS

AI/ML – NAVTTC
Freelancing – DigiSkills
Search Engine Optimization – DigiSkills

VOLUNTEERING

Social Media Head – IEEE Society, Superior University   **Dec 2021 – Sep 2022**
Led strategic social media initiatives to enhance visibility and engagement. Designed content, managed digital campaigns, and analyzed performance metrics to grow the society's digital presence and member interaction.

REFERENCES

Available upon request.