

Safia Bibi

SENIOR SOFTWARE & MOBILE APPLICATION DEVELOPER

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Executive Summary: Highly accomplished, visionary Senior Software & Mobile Application Developer with extensive multi-year expertise in architecting high-performance cross-platform mobile applications, complex enterprise web ecosystems, and advanced AI-driven digital intelligence solutions. Recognized internationally for delivering luxury-grade, human-centric UI/UX design systems, real-time WebSocket communication engines, and ultra-scalable cloud database architectures. Deeply adept at bridging technical complexities with high-impact business strategies to drive user engagement, digital transformation, operational efficiency, and sustainable commercial growth across diverse global markets.

COMPREHENSIVE TECHNICAL COMPETENCIES & FRAMEWORKS

Mobile Architecture & Frameworks:	Flutter Ecosystem, Dart Programming Language, Advanced State Management Solutions (Provider, Bloc, GetX), Native Android Studio Integration, Kotlin, Java, Cross-Platform UI Rendering & Custom Animation Pipelines
Full-Stack Web Engineering:	HTML5, CSS3, Modern JavaScript (ES6+), Advanced PHP Backend Systems, Python Microservices Architecture, Flask Framework, Node.js API Development, RESTful Web Services Integration
Databases & Real-Time Sync:	Supabase Relational Database Architecture, MySQL Enterprise Optimization, Real-time WebSockets (Socket.io), Database Indexing Strategies, Secure Cloud Storage Management, Query Performance Tuning
Advanced Specializations:	AI-Powered Application Development, Dynamic Barcode & QR Generation Engines, Comprehensive Local & Global Search Engine Optimization (SEO), Automated Web Scraping Pipelines, Enterprise Security Hardening

PROFESSIONAL EXPERIENCE & CAREER TRAJECTORY

Lead Website Developer & Digital Strategist

Jan 2023 – Present

- Architected, developed, and successfully deployed highly responsive, conversion-optimized enterprise web applications focusing on ultra-modern UI/UX aesthetics, blazing-fast load speeds, and seamless cross-browser compatibility.
- Conducted rigorous technical performance audits, implemented advanced security hardening protocols, and executed comprehensive on-page and technical SEO strategies to significantly elevate brand visibility, domain authority, and organic traffic conversion.
- Collaborated closely with international stakeholders, cross-functional engineering teams, and digital marketing units to deliver bespoke web solutions aligned with modern corporate objectives and high-yielding business models.

Senior Flutter & Mobile Application Engineer

March 2023 – Present

- Engineered highly scalable, production-grade cross-platform mobile solutions utilizing clean architecture design patterns, modular code structures, and lightning-fast real-time database synchronization protocols.
- Integrated complex native hardware modules, optimized device memory allocation, implemented fluid state management routines, and designed high-fidelity custom graphical animations to guarantee an elite user experience.
- Streamlined CI/CD deployment pipelines, resolved critical concurrency bottlenecks, and maintained rigorous unit and widget testing suites to ensure 99.9% application stability across Android and iOS ecosystems.

ADVANCED PORTFOLIO PROJECTS & DEEP TECHNICAL ARCHITECTURE

1. Barcode Studio Mobile Application (Flutter Flagship Enterprise Solution)

TechStack:Flutter,Dart,NativeBarcode/QRGenerationSDKs,CustomExportEngine,PDF/PNG Generators

Architected and developed an ultra-fast, feature-rich cross-platform mobile application engineered for instant generation of high-density barcodes and custom QR codes across multiple standard formats. Integrated advanced encoding algorithms, batch processing capabilities, customized visual branding templates, and high-speed multi-format export utilities (PDF/PNG). Designed specifically to streamline industrial inventory tracking, retail asset management, and digital ticketing workflows with absolute zero latency and robust offline-first functionality.

2. Carpet Cleaning & AB Builders Contractors Enterprise Web Ecosystems

TechStack:PHP,MySQL,HTML5,AdvancedCSS3,JavaScriptES6,ResponsiveUI/UXFrameworks, Local SEO Schema

Engineered high-performance, conversion-driven corporate web platforms tailored specifically for elite service-based contracting and cleaning enterprises. Developed robust service quotation calculators, interactive appointment booking systems, secure customer portals, and deep local SEO schema markup. Optimized page load speeds, semantic HTML structures, and mobile responsiveness to maximize organic lead generation, client trust, and conversion metrics in competitive regional markets.

3. AI-Leads-Hunter Business Intelligence Platform

TechStack:Flutter,SupabaseBackend,AutomatedWebScraping, AI Analytics Models

Developed a sophisticated AI-powered business intelligence and lead generation application designed to autonomously scan online business directories and corporate listings. Implemented robust automated web-scraping pipelines backed by scalable Supabase databases and predictive machine learning analytics. Features advanced automated lead scoring, contact extraction, and CRM synchronization capabilities to supercharge targeted B2B marketing campaigns and enterprise sales outreach.

4. Document Collaboration and Approval System (Enterprise FYP)

Tech Stack: Node.js, Socket.io Real-time Sockets, Flask Microservices, HTML/CSS/JavaScript

Engineered a highly secure, real-time document management and multi-tier approval workflow platform designed specifically for demanding enterprise environments. Implemented granular role-based access control (RBAC), live document tracking, comprehensive version history management, and instant bi-directional communication via WebSockets (Socket.io). Successfully eliminated bureaucratic bottlenecks, ensuring frictionless, synchronized team collaboration and automated sign-off pipelines.

5. Audio-Live-Streaming & Social Voice Broadcasting Mobile Application

Tech Stack: Flutter, Dart, Supabase Realtime Database, Zego Cloud Audio SDK

Architected a scalable, ultra-low latency real-time audio streaming mobile application equipped with interactive multi-user voice chat rooms and spatial audio routing capabilities. Integrated secure token-based user authentication, dynamic speaker management, real-time text chat overlays, and resilient state synchronization powered by Zego Cloud and Supabase backend infrastructure to deliver flawless audio communication at scale.

6. AI-Powered Multi-Lingual Voice Translator & Speech Engine

Tech Stack: Python, Google Cloud Translation API, Speech-to-Text (STT), Text-to-Speech (TTS), Flask

Built an advanced, intelligent multi-lingual voice translation ecosystem leveraging enterprise-grade Google Cloud APIs. Implemented real-time acoustic speech-to-text transcription, context-aware neural translation models, and natural synthetic voice output. Encapsulated within a lightweight, high-performance Flask microservice backend to deliver instantaneous, crystal-clear cross-lingual communication capabilities for global users.

7. BizWebSolutions.us & Repuboosts.com Digital Agency Portals

Tech Stack: Full-Stack Web Architecture, PHP, MySQL, JavaScript Automation, Hostinger Cloud

Designed, developed, and scaled comprehensive commercial digital agency platforms and SaaS marketing portals. Delivered automated social media engagement tools, growth analytics dashboards, and professional corporate web development services to elevate global brand authority and digital footprint for international corporate clients.

ACADEMIC BACKGROUND & EDUCATIONAL QUALIFICATIONS

BSIT - 2.5 Years (Bachelor of Science in Information Technology)

2023 – 2026 | CGPA: 3.65

University of Southern Punjab, Multan, Pakistan

Bachelor of Computer Science (BCS)

2021 – 2022

Bahauddin Zakariya University, Multan, Pakistan

Intermediate in Computer Science (ICS)

2019 – 2020

Govt Post Graduate College for Women, Mailsi, Pakistan

Matriculation (Science / Biology Foundation)

2017 – 2018

Govt Girls High School Jallah Jeem, Mailsi, Pakistan

LANGUAGES & PROFESSIONAL REFERENCES

Languages Spoken & Proficiencies: (English, Urdu, Saraiki) English (Professional Working Proficiency & Technical Writing), Urdu (Native / Bilingual), Saraiki (Native / Regional Fluency).

Professional References: Comprehensive professional recommendations, client testimonials, academic transcripts, and detailed project portfolios will be furnished promptly upon formal corporate request.