Muhammad Mohsin

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ABOUT ME

I am a Full Stack Developer and Designer with over two years of experience in developing mobile and web applications. My expertise spans technologies like Flutter, WordPress, Next.js, JavaScript, and Ruby on Rails, enabling me to build user-friendly and performance-driven solutions. With a strong foundation in graphic design and a passion for clean, functional UI/UX, I bridge the gap between front-end visuals and back-end logic. I enjoy solving complex problems, collaborating in team environments, and continuously learning new tools and frameworks to improve my craft. I am currently seeking opportunities to contribute to impactful software projects and grow further as a developer.

EDUCATION AND TRAINING

01/10/2019 – 09/2023 Lahore, Pakistan
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (HONS.) National College of Business Administration & Economics

Website https://ncbae.edu.pk/ | **Level in EQF** EQF level 6

01/09/2016 – 31/08/2019 Gujrat, Pakistan
DIPLOMA OF ASSOCIATE ENGINEER IN INSTRUMENTATION AND CONTROL TECHNOLOGY Government Swedish Pakistani College of Technology

Website https://gspctgujrat.com/ | **Level in EQF** EQF level 4

01/04/2014 – 31/03/2016 Gujrat, Pakistan
MATRIC Pakistan School of Sciences for Boys

Level in EQF EQF level 3

WORK EXPERIENCE

🏢 **TWINSPIDER TECHNOLOGIES** – GUJRAT
FULL-STACK DEVELOPER – 10/01/2024 – CURRENT

As a Software Developer at Twinspider Technologies, I design and maintain cross-platform mobile applications and web-based admin dashboards for solutions in food delivery, POS, ERP, and task management. My role includes implementing key features such as real-time location tracking with Google Maps API, offline data synchronization, role-based access control, and dynamic push notifications. I have integrated multiple secure payment gateways, including Paystack, JazzCash, and Easypaisa, ensuring smooth and reliable transaction flows. Working closely with cross-functional teams, I translate business needs into scalable software solutions while managing app store deployments, performing code reviews, and optimizing applications for performance and reliability.

🏢 **FIVERR** – GUJRAT, PAKISTAN
WORDPRESS DESIGNER & DEVELOPER (FREELANCE) – 01/05/2023 – CURRENT

As a freelance WordPress Designer and Developer, I create and customize fully responsive websites for diverse clients, including landing pages, blogs, eCommerce stores, and corporate sites. I specialize in customizing themes, plugins, and functionalities to match client requirements while applying SEO best practices and UI/UX principles to improve visibility

and enhance user experience. Beyond design and development, I also provide complete end-to-end solutions by managing hosting setups, domain registration, SSL integration, and website migrations.

GRAPHIC DESIGNER (FREELANCE) – 01/04/2021 – CURRENT

As a freelance Graphic Designer, I provide tailored design services, including logos, brand identity kits, social media assets, marketing materials, and print-ready designs. Over the years, I have successfully completed numerous projects for international clients, consistently achieving high satisfaction, repeat business, and strong reviews. By leveraging tools such as Adobe Photoshop, Illustrator, and Canva, I deliver creative and high-quality visual solutions that align with client branding and communication goals.

PROJECTS

CURRENT
Gujrat Chamber of Commerce & Industries App

Developed a cross-platform mobile application using **Flutter** with **Firebase** and **Ruby on Rails backend** for both the **Gujrat Chamber of Commerce & Industries** and the **Gujrat Women Chamber of Commerce & Industries**. The app enables users to access the latest chamber news, events, and facilities, while also allowing online registration and submission of documents for chamber memberships. Members can manage their **membership history, renewal, and account details** directly through the app, and receive **real-time push notifications** regarding announcements, membership updates, and approvals. The application supports **dark mode** and was customized with separate themes and announcement modules for each chamber, ensuring a tailored user experience for both organizations.

CURRENT
Spider POS – Invoicing App

Built a **cross-platform POS system** with **Flutter and Firebase**, featuring role-based access for Admins, Managers, and Tills. Implemented **comprehensive modules** including product & category management, customer/vendor ledgers, counter & credit sales, returns, kitchen/thermal printing, purchases, payments, expenses, stock & inventory management, and profit & loss reporting. Supported **single/multi-warehouse operations, deal & pricing controls**, and **offline-first functionality** with **Firebase remote flags** for dynamic feature toggling. Enhanced with **advanced reporting and analytics**, delivering complete visibility and control for retail businesses.

Spider POS Admin Dashboard

Built an advanced **multi-store POS management dashboard** using **Next.js and Firebase Admin SDK**, enabling administrators to oversee users, stores, tills, products, categories, and customers across multiple POS systems. The platform incorporated **role-based access control** to ensure security, along with **real-time synchronization with Firebase** for consistent and accurate data across all stores. The dashboard was optimized for speed and usability, providing **streamlined navigation and efficient configuration tools** to simplify large-scale retail management.

Tailor Book – Tailor Shop App

Engineered a specialized shop management solution for tailors using **Flutter and Firebase**, delivering a role-based platform with **Google Sign-In** and distinct dashboards for shop owners and employees. The app supports **dynamic customer sizing forms, order tracking, and customer management**, allowing flexibility for various clothing types. I also implemented **offline data synchronization** for uninterrupted usage, integrated **push notifications** for order updates and payment reminders, and introduced a **custom WhatsApp messaging feature** for direct communication with customers.

Flour Management System – ERP Solution

Designed and developed a **cross-platform ERP mobile companion app** for flour mill operations using **Flutter, Ruby on Rails, and PostgreSQL**. The app extends the functionality of a web-based ERP, giving owners and managers real-time access to **employee accounts, inventory, sales, and reporting modules** directly from their mobile devices. This solution streamlined day-to-day operations by enabling on-the-go decision-making and ensuring synchronization between web and mobile platforms.

Bento Delivaz – Food Delivery App

Built a full-scale food delivery system using **Flutter, Ruby on Rails, PostgreSQL, Firebase, and PayStack payment integration**, deployed on both Android and iOS. The app serves buyers, riders, and vendors with a seamless user experience, including **real-time rider tracking powered by Google Maps API**, order placement, cancellations, and push notifications for status updates. To support business operations, I developed a **web-based admin panel** that enables administrators to manage users, vendors, orders, and payments effectively, ensuring smooth end-to-end delivery workflows.

Office Ringer – Notification App

Created a modern alternative to the traditional office bell system using **Flutter and Firebase**, designed to streamline internal communication and task assignment. The app features **three distinct roles: Admin, Button, and Ringer**, enabling structured workflows where tasks can be assigned and notifications delivered instantly. Ringers can update their **availability status**, ensuring tasks are allocated efficiently while maintaining real-time synchronization between online and offline modes. This system significantly improved responsiveness and productivity in office environments.

SKILLS

Microsoft Office │ Graphic Designing │ Github │ Agile project management │ Data Scraping and Analysis │ MVC Patterns │ Postman │ Git │ MVVM │ AI automation │ UX - UI │ MVC │ Payment Integrations │ CI/CD (Gitlab CI)

Web Development

HTML │ CSS │ JavaScript │ Node JS │ React JS │ NEXT JS │ Ruby on Rails │ Python │ Bootstrap and Tailwind CSS │ GIT version control, Linux Command │ RESTFul API │ WordPress │ Wix │ Shopify

Mobile App Development

Flutter │ Dart │ App development: Flutter & Dart, React & React native, │ Bloc │ GetX │ Provider │ RiverPod │ Push Notifications │ Google Maps

Database

Firebase │ SQL │ MongoBD │ PostgreSQL │ Supabase

Testing

Appium │ Selenium (Web Testing) - beginner

Designing

Adobe Photoshop │ Adobe Illustrator │ Adobe Lightroom │ Adobe InDesign │ Adobe XD │ Figma

LANGUAGE SKILLS

Mother tongue(s):   **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

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