

MOHAMMAD TAHA

Software Engineer

+92-333-4409-803

connect.mohammadtaha@gmail.com

Lahore, Pakistan

mt-portfolio-woad.vercel.app



SUMMARY

I'm a Software Engineer from Lahore, Pakistan, passionate about transforming complex problems into intuitive, impactful digital solutions. I specialize in designing and developing pixel-perfect, high-performance web and mobile applications using modern frameworks like Flutter, React, Ruby on Rails, Laravel, and Node.js. With hands-on experience in deploying cross-platform apps, integrating APIs, and managing scalable cloud infrastructures, I bring a product-focused mindset to every project. My goal is to build visually stunning and user-centered experiences that drive real-world value for brands and users alike.

EDUCATION

University of Central Punjab

Bachelor's Degree
2008 - 2012

Resource Academia

A-Levels
2006 - 2008

Beaconhouse School System

O-Levels
2003 - 2006

SKILLS

- Full Stack Developer
- MERN & LAMP Stack, RoR
- Dart/Flutter, Provider, Consumer, Block
- ReactJS, NextJS, NodeJS, React Native
- PHP, Laravel, Yii & Yii2
- Bootstrap, Tailwind, Material UI
- CI/CD & API Integrations
- AWS EC2, Supabase, Vercel
- MySQL, PostgreSQL & MongoDB
- E-commerce, HRM, Dashboards
- Leadership & People Management
- Project Management

CERTIFICATIONS

IBM Full Stack Software Developer

Coursera
April 2023

Google Project Management

Coursera
March 2023

PROFESSIONAL EXPERIENCE

Software Engineer | Remote (UAE)

Jionex IT services Co. LLC | Dec 2023 - Present

As a Software Engineer at Jionex, I deliver cross-platform apps, APIs, and dashboards across fintech, civic, wellness, and ERP domains using React.js, Next.js, Flutter, React Native, Ruby on Rails, Laravel, Yii, and more. I specialize in CI/CD, secure API integrations, state management (MVVM, MVC), and scalable backend systems. I've deployed production apps to AWS EC2, Vercel, Netlify, Play Store, and App Store, with expertise in Flutter, LAMP, MERN stacks, and Linux-based environments.

I've led full-cycle development of flagship apps like Shapla OSS and Team ATM, while also building custom CRM, reporting, and support systems. Known for shipping fast, clean, and production-ready code with performance, UX, and maintainability in focus.

Software Developer

Codehoppers | Mar 2023 - Nov 2023

Started as an intern and got promoted as software developer in six months. I practiced to work on client projects using frameworks like Java, React, React Native and Express & Node JS. Learned excellent debugging skills that really help me in my development and the time management skills to ensure that I deliver the client project within the time committed.

Assistant Manager Operations

Abacus | Mar 2019 - Feb 2023

At Abacus, gained valuable experience in operations and project management, showcasing strong organizational skills. Coordinated tasks, met deadlines, and ensured smooth project execution. Applied detail-oriented and analytical mindset to development and design work, resulting in well-crafted solutions. Continuously demonstrated a drive for learning and improvement, staying ahead in the rapidly evolving field.

PORTFOLIO

SHAPLA OSS - DIGITAL ONE STOP SERVICE PLATFORM

DART/FLUTTER (WEB, IOS & ANDROID), FIREBASE, FIGMA, REST APIS

Description:

Shapla OSS is a full-featured civic engagement platform developed for Chittagong City Council, bringing 60+ essential public services under a single digital umbrella. As the sole Flutter developer, I designed, developed, and deployed both the web and mobile apps (iOS & Android) within 6 weeks, ensuring feature parity, performance, and scalability across platforms. The app serves over 8 million citizens with fast access to government services including permit applications, utility bill payments, and issue tracking.

Key Features Developed:

- **Multi-Platform Support:** Developed a fully responsive app using Flutter for Web, iOS, and Android.
- **Service Modules (33+ Active):** Developed comprehensive modules that includes permit requests (construction, event, business), certificate requests (monthly/annual income, birth, marriage, death, etc), utility payments, service complaint tracking, and more.
- **Real-Time Notifications:** Integrated Firebase Cloud Messaging (FCM) to deliver instant alerts for emergencies, announcements, and status updates.
- **Digital Payment System:** Enabled secure, real-time bill payments for electricity, water, and waste services through secure payment gateway integration.
- **UX/UI Implementation:** Translated Figma designs into pixel-perfect interfaces, collaborating with designers and city council for ongoing improvements.
- **API Integrations:** Integrated RESTful APIs using Dio, with token-based authentication for secure data handling.

Technical Implementation:

- **Architecture:** Applied a hybrid MVVM architecture adhering to clean architecture principles with separation across data, domain, and presentation layers.
 - Applied a hybrid MVVM architecture adhering to clean architecture principles with separation across data, domain, and presentation layers.
 - Integrated Provider pattern for widget-level state handling and scoped rebuilds.
 - Implemented Consumer widgets for efficient UI updates and performance optimization.
- **State Management:** Combined GetX's reactive (Rx) variables and Provider's change notifier pattern for scalable and maintainable state flows.
- **Security:** Implemented secure data handling using local encrypted storage and JWT-based authentication.
- **Localization:** Enabled multi-language support with Flutter's internationalization framework.
- **File Handling:** Integrated file picker and PDF viewer for document submission and display.
- **Analytics & Monitoring:** Integrated Firebase Analytics for user behavior tracking and performance insights, with robust error reporting and offline fallback support.

Project Highlights:

- Delivered production-ready multi-platform apps in just 6 weeks.
- Reduced application processing time by 30% via digital workflows.
- Achieved 99.9% uptime with robust error handling and monitoring.
- Actively scaling to support all 60+ planned services with ongoing UI/UX enhancements.

PORTFOLIO

TEAM ATM | BUDDYBOSS(WORDPRESS), APP DEPLOYMENT, PLAYSTORE, APPSTORE

Description:

Team ATM is a corporate wellness and engagement app built for Al Tayer Motors, integrating employee recognition, learning, wellness, and event tracking. I customized the BuddyBoss platform, tailored user journeys, and deployed the app to both the Google Play Store and Apple App Store.

Key Features:

- Modular Pages: Wellness, Recognition, Engagement, Programs, Events
- Platform Customization: Customized BuddyBoss theme and features for a unified experience
- Mobile App Delivery: Deployed production builds on App Store and Play Store for enterprise use

Project Highlights:

- Delivered a tailored employee engagement solution aligned with Al Tayer's wellness strategy
- Enhanced workforce connectivity and recognition across departments

TRULENS - C2PA APPROVED MEDIA VERIFICATION PLATFORM | FLUTTER

Description:

TruLens, developed by Jionex IT Services Co. L.L.C, is a C2PA-approved platform providing advanced solutions for verifying the authenticity, source, and context of digital media. It ensures tamper-proof content security and promotes transparency in digital media interactions. As a Flutter Developer, I built the iOS mobile app for TruLens, focusing on a clean and reusable MVVM architecture.

Key Features:

- UI/UX Design: Designed the Splash Screen, Dashboard, and dashboard pages, including navigation elements such as Bottom Navigation and Sidebar Menu.
- Authentication & Profile Management: Created secure Auth Pages and comprehensive Profile Pages for user registration and management.
- Media Capture & Explore Pages: Developed Capture/Record Pages for media uploads and verification. Securely storing the captured media in FlutterSecureStorage and fetching and posting of verified digital content. Designed Explore Pages for browsing verified digital content.
- API Integration: Integrated backend APIs seamlessly following the MVVM architecture to ensure maintainable and scalable code.
- Clean, Modular Code: Developed reusable widgets and implemented optimized code practices for a robust user experience.

Project Highlights:

- Delivered a responsive and intuitive iOS app with a Flutter-based clean architecture.
- Ensured secure API integration for media verification and user management.
- Designed user-friendly interfaces for core app functionalities like capture, explore, and navigation.

PAYORIO - E-WALLET PLATFORM | RUBY ON RAILS (ROR), POSTGRESQL

Description:

Payorio is a comprehensive e-wallet platform by Jionex IT Services Co. L.L.C, facilitating secure financial operations, including money transfers, merchant payments, and support services while ensuring compliance with KYC and AML regulations. As a Backend Developer specializing in Ruby on Rails (RoR) and PostgreSQL, I contributed by developing APIs for key platform functionalities.

Key Features Developed:

- Merchant and User Profiles: Created APIs for managing user and merchant profile data, ensuring secure and scalable operations.
- Support Ticket Management: Built APIs to allow users and merchants to create and manage support tickets, including chat messaging functionalities for real-time issue resolution.
- Merchant APIs with Public & Access Keys: Implemented secure APIs for merchant operations, integrating public and access key validation mechanisms for authentication.
- Reporting APIs: Developed APIs to generate operational and analytical reports, including transaction summaries, support ticket statuses, and user activity.

Project Highlights:

- Delivered secure, scalable APIs to enhance user and merchant experiences.
- Optimized reporting functionalities to support business analytics.
- Implemented robust support ticket and chat management workflows.

PORTFOLIO

PAY2LOCAL | RUBY ON RAILS (ROR), POSTGRESQL

Description:

Pay2Local is a global payment gateway platform by Jionex IT Services Co. L.L.C, enabling secure transaction processing while adhering to AML and KYC compliance. As a Backend Developer specializing in Ruby on Rails (RoR) and PostgreSQL, I developed reporting APIs to enhance business analytics and support data-driven decisions.

Key Features Developed:

- Transaction Reports: Provided filtered transaction histories (e.g., pay-in, payout) with date and merchant ID filters.
- Merchant Performance Delivered insights on total transactions, revenue, and failed payment stats.
- Fraud Detection Reports: Identified unusual transaction patterns for fraud prevention.
- User Activity Reports: Summarized login patterns and API usage.
- Data Export Functionality: Enabled JSON/CSV report exports for external analysis.

Project Highlights:

- Built scalable reporting APIs for real-time and historical analysis.
- Optimized PostgreSQL queries for large datasets.
- Enhanced data visibility and ensured compliance with AML/KYC regulations.

SPORTS CLUB MANAGEMENT | LAMP STACK (LARAVEL)

Description:

This project involved the development of a full-stack web application ERP system using the LAMP stack (Linux, Apache, MySQL, and PHP Laravel framework with Blade templating) for Sporting Global. The application streamlines the management of various sports clubs, teams, and their personnel.

Key Features:

- Role-Based Access Control (RBAC): Defines user permissions based on roles within the organization (e.g., administrators, club managers, coaches, referees, players, medics,).
- Comprehensive Sports Management: Handles diverse sporting activities including rugby, football, cricket, badminton, and more.
- Detailed Player Management: Creates and maintains extensive player profiles from school level to national and club level, tracking statistics such as: Goals/Points Scored, Red/Yellow Cards, Fitness Record, Fines Imposed, Match History
- Team Management: Allows club and team managers to easily manage team composition and assign player reserves.
- Live Match Monitoring and Recording: Enables live monitoring and recording of matches, providing valuable data for analysis.
- Player Transfers: Facilitates player transfers between schools, clubs, or national teams.
- Audience Engagement: Allows spectators to follow live sporting events through the application.

Project Highlights:

- Developed a robust and scalable ERP system using the LAMP stack for comprehensive sports club management.
- Streamlined management processes for athletes, teams, and various sporting activities within Sporting Global.
- Enhanced data collection and analysis capabilities for informed decision-making.
- Increased fan engagement through live event tracking features.

PORTFOLIO

LABOR HOSTEL MANAGEMENT | LAMP STACK

Description:

This project involved the development of a full-stack web application ERP system using the LAMP stack (Linux, Apache, MySQL, and PHP Yii framework) to manage Bartawi's labor hostel operations. The application caters to diverse rental needs, including:

- Employee Accommodation Management
- Individual Rental Agreements
- Corporate Rental Agreements

Key Features:

- Role-Based Access Control (RBAC): Defines user permissions based on their role within the organization.
- Flexible Rental Management: Streamlines the process of managing diverse rental contracts for employees, individual tenants, and corporate clients.
- Automated Invoice Generation: Generates invoices automatically based on pre-defined rental agreements.
- Transaction Tracking: Enables recording and tracking of financial transactions associated with each rental contract.
- Comprehensive Management Tools: Visitor Management, Room Evaluation Management, Inspection Tour Management, Smart Tenant Access Scanning, Ambulance Calling and Prevention Features, Meal Distribution Management, Maintenance Request Management and Asset Management
- Admin Dashboard and Reporting: Provides a centralized platform for administrators to monitor key metrics and generate reports for informed decision-making.

Project Highlights:

- Developed a comprehensive and scalable ERP system within a LAMP stack environment.
- Streamlined diverse rental management processes for Bartawi.
- Enhanced operational efficiency and transparency through automated features and reporting tools.

HR RECRUITMENT MANAGEMENT | JAVA, REACT

Description:

This project involved the development of a full-stack web application ERP system for SCAPNC to streamline their recruitment management process. The application is designed using Java Spring Boot and MariaDB for the backend infrastructure and React for the user interface.

Key Features:

- Role-Based Access Control (RBAC): Ensures secure access to functionalities based on user roles within the organization.
- Job Posting and Approval Workflow: Streamlines the process for creating and approving job openings within the company.
- Comprehensive Applicant Tracking System (ATS): Manages the entire candidate lifecycle from application submission through shortlisting, interviews, selection, offer letters, and acceptance.
- Advanced Reporting: Provides extensive reports for administrators and management to gain insights into recruitment activities.
- Intuitive User Interface: Utilizes Bootstrap for a responsive design and integrates React components such as data tables, date pickers, signature canvas, drag-and-drop functionality, and more to provide a user-friendly experience.

Project Highlights:

- Achieved a comprehensive recruitment management solution within a 6-month timeframe.
- Improved efficiency and transparency in the hiring process for SCAPNC.
- Enhanced data-driven decision making through detailed reporting.