

Muhammad Awais

Full Stack Developer | MERN Stack Specialist

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Professional Summary

Full Stack Developer with **2+ years of experience** delivering scalable backend solutions and production-ready web/mobile applications. Specialized in **MERN stack, Cloudflare Workers, and serverless architecture**, with proven success in SaaS, POS systems, and e-commerce platforms. Adept at integrating **real-time systems (WebSockets), 3rd-party APIs (Stripe/PayPal, OpenAI, Zembra, Brevo, SendGrid, Google APIs, etc)** to deliver modern, high-performance applications. Collaborated with **Flutter developers** to publish apps on Google Play Store and Apple App Store.

Technical Skills

Frontend: React.js, Next.js, Redux Toolkit, React Hooks, JavaScript ES6+, Material UI, Chakra UI, React Bootstrap, Vite

Backend: Node.js, Express.js, REST APIs, Cloudflare Workers, Durable Objects, Queues, WebSockets, KV Storage

Databases: MongoDB, Realm SDK, Firebase

Mobile: React Native, Expo, Electron (desktop apps), Flutter (collaborations)

Cloud & Deployment: Cloudflare (Workers, Pages), Vercel, Netlify, GCP, Heroku

Tools & Technologies: Git, GitHub, GitHub Actions Workflows, Postman, Prettier, ESLint, Aggregation Pipelines

3rd Party APIs & Integrations: Stripe, PayPal, OpenAI, Zembra, Brevo, SendGrid, Firebase Cloud Messaging, Cron Jobs, Queues, Google Maps API

Professional Experience

Full Stack Developer | Freelance & SaaS Products

January 2023 – Present

- Designed, developed, and deployed **scalable SaaS platforms, e-commerce solutions, and POS systems** for international clients.
- Built cloud-native backends using **Cloudflare Workers, Durable Objects, and Queues** for high availability and offline sales support.

- Integrated **AI (OpenAI APIs)** for review sentiment analysis and auto-generated reports.
- Collaborated with **Flutter developers** to deliver mobile apps on Google Play Store and App Store with 1,000+ total downloads.

MERN Stack Developer | DevsHerd, Inc.

2023 – Present

- Leading backend architecture for **Invoder POS**, enabling multi-location inventory and sales management.
 - Implemented **Cloudflare Workers Queues** for offline sales retry mechanisms.
 - Designed analytics dashboards using **MongoDB Aggregation Pipelines** for sales, expenses, and ROI metrics.
 - Integrated **3rd-party APIs** including Stripe, PayPal, Zembra, Brevo, and SendGrid.
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Key Projects

RexsaCafe Platform

- Websites: rexsacafe.com, admin.rexsacafe.com, franchise.rexsacafe.com
- Features: Multi-branch portal for online orders, inventory management, real-time updates via **WebSockets**, notifications with **Firebase Cloud Messaging**, cron jobs for automation, and **OpenAI-powered review analysis**.
- Mobile Apps: Published with Flutter developers
- [Rexsa Cafe on Play Store](#)
- [Rexsa Cafe on App Store](#)
- **Tech Stack:** Next.js, React.js, Node.js, MongoDB, Firebase, Cloudflare Workers.

Invoder POS System

- Websites: invoder.com, app.invoder.com
- Features: Multi-location POS, i18n internationalization, Dark Mode, Stripe recurring payments with trials, role-based permissions, offline/online sales sync with **Queues**, and real-time events with **WebSockets**.
- Backend: Cloudflare Workers (Durable Objects, WebSockets, R2 Storage Queues, Cron Triggers, KV Storage).
- AI: OpenAI for review sentiment analysis.
- Mobile Apps: Published with Flutter developers
- [Invoder on Play Store](#)
- [Invoder on App Store](#)
- **Tech Stack:** MERN Stack, Cloudflare Workers, Stripe, PayPal, OpenAI API.

Taxi4Barcelona

- Websites: taxi4barcelona.com, admin.taxi4barcelona.com
- Features: Online taxi booking with **Stripe one-time payments**, automated cron jobs for daily booking notifications, and an admin portal for managing rides and customer records.

- **Tech Stack:** React.js, Cloudflare Workers, Stripe, MongoDB using Realm SDK.

Ring-Hope Store

- Website: ring-hope.com
- Features: Online personalized storefront for boxing/MMA equipment.
- **Tech Stack:** Next.js, React.js, Cloudflare Workers & Pages.

CashFlow DigiBook

- Mobile app for ledger and transaction management with Google One-tap sign-in.
- Features: Multi-business management, staff invites, notifications with **Firestore Cloud Messaging**, and aggregation pipelines for advanced queries.
- Downloads: 100+ on Google Play Store.
- [CashFlow DigiBook on Google Play Store](#)
- **Tech Stack:** React Native, MongoDB Aggregation Pipelines, Firestore, Node.js.

RexsaCafe & LatasseCafe Branch Portal (Electron Desktop App)

- Features: Real-time order processing via **WebSockets**, live API sync with mobile and admin portals, branch activity monitoring, vouchers, gallery management with i18n Internationalization, dark mode support, mobile responsive, certificates & HR letters management, and advanced inventory logs for admin oversight.
- Frontend: Progressive Web Apps built with **Next.js and Vite**.
- **Tech Stack:** Electron, React.js, WebSockets, MongoDB. Express.js

Education

Bachelor of Software Engineering | University of Sialkot

October 2018 – August 2022

Certifications

- **Full Stack Development** | PNY Trainings (2020 – 2021)
- **Freelancing & WordPress** | Digital Skills Program, Govt. of Pakistan (2018)

Achievements & Recognition

- Delivered SaaS apps & POS systems deployed across **multiple domains and app stores**.
- Designed cloud-native architectures using **Cloudflare Workers (Queues, Durable Objects)**.
- Achieved **1K+ app downloads** across Google Play and App Store for multiple projects.
- Recognized for scalable backend solutions with **AI, WebSockets, Offline Sales Queues, and 3rd-party API integrations (Stripe, PayPal, OpenAI, Zembra, Brevo, SendGrid)**.
- Active on GitHub (github.com/DevAwais92), contributing to open-source projects.