

SYED A. RAZA

Full-Stack Developer & AI Generalist | Founder @ TechPeer | Building with AI what others can't without it | 19+ Years in Tech | Aptech Faculty

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer and **AI Generalist** with 19+ years of experience spanning enterprise financial systems, cloud-based applications, and AI-augmented product development. I combine nearly two decades of real-world problem-solving with cutting-edge AI tools — delivering solutions at a speed and quality that traditional development cannot match. Founder of TechPeer, creator of GPOS (open-source POS system), and visiting faculty at Aptech Karachi teaching AI & Web Development. Proven track record across enterprise clients including ARY Services and HBL, with deep expertise in PWA, Firebase, PHP/MySQL, and AI-integrated workflows.

TECHNICAL SKILLS

AI Tools & Workflow	Claude (Anthropic), ChatGPT, Gemini, Prompt Engineering, AI-Augmented Development
Frontend	React 18, JavaScript (ES6+), HTML5, CSS3, Progressive Web Apps (PWA)
Backend	PHP, Node.js, RESTful APIs, Firebase Functions
Database	MySQL, MariaDB, Firebase Firestore, phpMyAdmin
Cloud & DevOps	Firebase (Auth, Firestore, Hosting), XAMPP, Apache HTTP Server, Git
Enterprise Software	MYSIS (Financial Core Banking), Siebel CRM 7.0, AVAYA Call Center
Tools & Design	Adobe Photoshop, Microsoft Excel (Advanced), PowerPoint, Access

PROFESSIONAL EXPERIENCE

Founder & Lead Developer | TechPeer | Karachi

2020 – Present

Founded and operate a software development firm delivering AI-augmented web and cloud solutions for clients across Pakistan and internationally. Leverage AI tools to deliver enterprise-grade products at startup speed.

- Creator of **GPOS** — an open-source React 18 + Firebase POS system for retail, restaurant, and service businesses. Live at gpos-web.web.app.
- Developed **TechColab CX** — a Firebase-based BaaS collaboration platform with AES-256-GCM encryption and premium UI.
- Built bilingual (English/French) landing pages and enterprise proposals for international clients including ZD Inc / OpenSource.Consulting (Canada).
- Implemented MIT + Commons Clause licensing strategy for open-source commercial protection.

Sr. Developer | ARY Services (Pvt.) Ltd. | Karachi

July 2016 – Present

Cash Management System (Progressive Web Application)

- Designed and developed a comprehensive Cash Flow Management Portal serving **50+ vendor locations** and multiple ARY E-Shops.
- Implemented real-time cash flow monitoring dashboard — reducing reconciliation time by **40%**.
- Created centralized platform tracking Cash, IBFT, CHQ/PO, and Remittance transactions.
- Developed digital cashbook module with automated expense categorization and financial reporting.
- Delivered PWA solution enabling offline functionality and cross-platform accessibility.
- Integrated AI-assisted reporting tools to accelerate monthly financial summaries.

Sr. Developer & MIS Control | ARY Laguna (Pvt.) Ltd. | Karachi

Dec 2020 – Feb 2022

MIS Portal (Progressive Web Application)

- Managed data infrastructure for membership sales system handling **1,000+ customers** and platinum agents.
- Developed automated payment reconciliation system — reducing manual processing time by **60%**.
- Built payment module with integrated Withholding Tax (WHT) calculations and eFBR verification.
- Generated strategic financial reports for CFO and Finance Manager.

Phone Banking Officer & Remittance Support | HBL | Karachi

Sep 2012 – Jul 2016

- Developed an internal **CRM System** for HBL Home Remittance Department — streamlining contact center operations and customer data management. Live demo: techpeer.web.app
- Delivered First Call Resolution (FCR) for international remittance and phone banking services.
- Utilized MYSIS core banking software for customer account management across 3+ years.

■ TEACHING & MENTORING

Visiting Faculty | Aptech Karachi

2023 – Present

- Teaching **AI & Web Development** to professional and student cohorts.
- Developed curriculum blending practical AI tools with full-stack development fundamentals.
- Created interactive bilingual (Urdu/English) learning resources for Pakistani developers.

■ KEY PROJECTS

GPOS — Open Source POS System

Tech: React 18, Firebase Auth, Firestore, Hosting

Full-featured point-of-sale system for retail, restaurant, and service businesses. Open-source with MIT + Commons Clause license. Live: gpos-web.web.app

TechColab CX — Collaboration Platform

Tech: Firebase, AES-256-GCM, Bootstrap 5

BaaS collaboration platform with enterprise-grade encryption, glassmorphism UI, and real-time Firestore data sync.

Cash Management System — ARY Services

Tech: PWA, PHP, MySQL, JavaScript

Enterprise-wide cash flow portal serving 50+ locations. 40% reduction in reconciliation time.

MIS Portal — ARY Laguna

Tech: PWA, PHP, MySQL

Membership and payment management system for 1,000+ customers. 60% reduction in manual processing.

CRM System — HBL Remittance

Tech: PHP, MySQL, HTML/CSS

Internal contact center CRM for HBL Home Remittance Department. Live: techpeer.web.app

OrSYS — Online Receipts System

Tech: Firebase, HTML, PHP, MySQL

Cloud-based receipt management for Cash Receipt Vouchers (CRV) and Bank Receipt Vouchers (BRV).

Import/Export Data Analysis Dashboard

Tech: JavaScript, PHP, MySQL

Interactive trade data analytics dashboard with real-time visual reporting.

■ EDUCATION

Bachelor of Science in Computer Science

2002 – 2006

University of Karachi

Higher Secondary Certificate (HSC)

2000 – 2002

Govt. Degree College North Karachi

■ CORE COMPETENCIES

✓ AI-Augmented Development	✓ Full-Stack Architecture	✓ Firebase Ecosystem
✓ Progressive Web Apps	✓ Financial Systems Integration	✓ Database Design
✓ Product Ownership	✓ Client Collaboration	✓ Technical Teaching
✓ Prompt Engineering	✓ System Analysis	✓ Rapid Prototyping

■ REFERENCES

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Additional references available upon request.