

Ayesha Parvez Raja

Full Stack Developer & Technical Solutions Specialist

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on production experience across React Native, Node.js, Odoo ERP, cloud infrastructure, and Microsoft 365 automation. Delivered real systems for businesses in the US, Canada, and Australia — including a full Stripe Express Connect rebuild for a freelance marketplace app, QR ordering platforms with custom Odoo addons, live Power BI dashboards, and NDIS compliance workflows. Works across the full stack from Proxmox containers and PostgreSQL databases up to React Native screens and Stripe webhooks. Uses Claude, ChatGPT, and Cursor as core development tools — writing precise multi-step prompts to generate, debug, and refactor code, and to turn complex technical work into clear client documentation.

EXPERIENCE

Freelance Developer · Cooperative Tech LLC — Leesburg, VA (Remote) 2024 – Present

- Built a QR-based ordering system for an American café using Node.js, Redis, Stripe, and Odoo 19 POS — orders hit the kitchen screen on payment confirmation, with a Redis-backed buzzer system to notify customers when their drink is ready.
- Developed six custom Odoo addons: drink label printer, tip-split handler, Twilio loyalty SMS, kitchen prep printer, barista display, and a pos_qr_notify addon with audio chimes and Redis-backed session mapping.
- Managed two live Odoo 19 instances on Proxmox LXC with Cloudflare Tunnels, WireGuard VPN, and auto-start policies — no manual intervention needed on server restarts.
- Built a Power BI sales dashboard with a direct read-only PostgreSQL connection to a live Odoo VPS, giving the client real-time visibility into revenue, top products, and daily patterns.
- Led Microsoft 365 overhaul for an NDIS disability services provider: Power Automate document flows (Incident Reports, Progress Notes, Participant Onboarding), SharePoint library structure, Power BI DirectQuery with OAuth2 fix, and a Copilot Studio RAG agent trained on NDIS compliance policies.
- Used Claude, ChatGPT, and Cursor as core development tools — writing precise prompts to generate, debug, and refactor code faster, and to translate complex technical decisions into clear client-facing documentation. Comfortable constructing multi-step prompts, working with AI-generated diffs, and knowing when to override the model.
- Served as technical lead across all client engagements — root cause analysis from backend logs, architecture decisions, and maintaining documentation.

Technical Support · Technology Research and Innovation Markaz (TRIM) 2023 – 2024

- Assisted in developing and debugging web applications; supported troubleshooting and documentation alongside senior developers.

EDUCATION

Bachelor of Computer Science · Iqra University 2019 – 2023

KEY PROJECTS

Monkey's Matcha — Full Restaurant Tech Stack — Odoo 19 POS, QR ordering, hardware & payments (United States)

- Built a complete restaurant technology stack from bare metal for a US matcha café — a self-hosted Odoo 19 POS on a Contabo VPS — and deployed it live for a Saturday launch event (monkeysmatcha.com).
- Built a QR-code ordering system (Node.js, Redis, PM2, Caddy reverse proxy with automatic HTTPS) — customers scan a table QR and order from their phones, with orders flowing live into Odoo as POS orders and confirmed end-to-end with live Stripe payments.
- Developed a custom pos_buzzer Odoo add-on integrated with 30 Reteless TD173 coaster pagers (plus base station) to notify customers when counter orders are ready, and a Raspberry Pi print server driving an Epson thermal printer for per-drink order labels.
- Added a real-time barista kitchen page, pos_matcha_sms and pos_barista_sms add-ons for SMS notifications, Grafana sales dashboards, and Stripe Terminal for in-person card payments.

Sedap Eatery — *Malaysian Restaurant Online Ordering + Odoo POS (Australia)*

- Built a Next.js ordering site (deployed via GitHub Pages) driven by a comprehensive menuConfig.json, connected through a Node.js backend to a self-hosted Odoo 19 POS on a VPS (sedapeatery.com.au).
- Integrated Stripe payments for online orders, automatic kitchen printing, and pickup time-slot selection for order scheduling.
- Developed a custom pos_holiday_surcharge Odoo add-on for public-holiday pricing, and built a Power BI analytics pipeline out of Odoo's PostgreSQL data via CSV export and an rclone/OneDrive sync; DNS and hosting managed through Cloudflare.

Yammtech — *Stripe Express Connect Integration — React Native + Node.js Freelance Marketplace (Canada)*

- Diagnosed and fixed a 100% webhook failure rate on a live React Native + Node.js + MongoDB freelance marketplace — root cause was a field-name mismatch and a duplicate handler writing to the wrong database field.
- Built a 5-step native React Native onboarding flow (personal details, address, bank account, review, identity verification) replacing Stripe's hosted wizard, matching the app's design system with progress indicator and per-section editing.
- Implemented Stripe processing fee pass-through using a gross-up calculation — platform keeps a clean 12% margin (6% from each side) while seekers receive the full 94% of the offer amount.
- Built four Node.js/Express endpoints to support the native onboarding, extended Mongoose schema, fixed a Redux state-leak across user switches, and added a bank status mapping helper for Stripe's CAD test behaviour.
- Replaced Stripe's full hosted onboarding wizard with Stripe Identity for the verification step only — selfie and ID scan inside the app, no Stripe branding or business info shown to users.

Smart Parking System — *Final Year Project · Funded by Ignite National Technology Fund*

- Real-time parking management using ESP32 and IR sensors, with fingerprint-based registration. Delivered with an A grade and received national funding recognition.

CERTIFICATIONS

Salesforce Certified — Salesforce · 2026

HubSpot Sales Software — HubSpot Academy · 2026

Zendesk Customer Service Professional — Zendesk · 2026

ChurnZero Customer Success — ChurnZero · 2026

SKILLS

Mobile: React Native, Expo, React Navigation, Stripe React Native SDK, Stripe Identity, in-app WebView

Backend: Node.js, Express, MongoDB/Mongoose, Python, Stripe Connect (webhooks, transfers, payouts), Odoo XMLRPC/JSON-RPC, Twilio SMS, REST API design

Frontend: JavaScript, React, Next.js, HTML/CSS, WordPress, GitHub Pages CI/CD

ERP & Automation: Odoo 17/19 ERP and POS, custom addon development, Power Automate, SharePoint, Copilot Studio RAG agents

Infrastructure: Proxmox LXC, PostgreSQL, MongoDB Atlas, WireGuard VPN, Cloudflare Tunnels and DNS, ngrok, Git

Data: Power BI, SQL, PostgreSQL live reporting

AI & Prompting: Claude, ChatGPT, Cursor — daily use; skilled at multi-step prompt engineering, AI-assisted debugging, code generation, and documentation

LANGUAGES

English — C1 Fluent · Urdu — C2 Native · Arabic — A1