Muhabat Khan Niazi

Backend Engineer · Node.js · PostgreSQL · MongoDB · TypeScript

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SUMMARY

Backend-leaning full-stack engineer with 5+ years (3+ full-time) building web products in Node.js, PostgreSQL, MongoDB, PHP and Python. Built OneFeeOKR's multi-tenant backend solo (39 RLS policies, billing in SQL, hourly jobs, signed webhooks) and a retail platform's Node.js/Express services and schema.

TECHNICAL SKILLS

Backend: Node.js, Express, REST API design, GraphQL (Apollo), webhooks, scheduled jobs, RBAC, multi-tenancy, PHP
Data: PostgreSQL, Supabase (RLS, Auth, Realtime), MongoDB, MySQL, Drizzle ORM, Zod, schema design, query tuning
Integrations: Paddle, Resend, Slack, HubSpot, Jira, AI/LLM APIs, web scraping · Netlify, Vercel, AWS, Docker, CI/CD
Tools & frontend: Python, Git, Jest, Postman, Jira · React, Next.js (App Router, SSR), Redux, Zustand, Tailwind CSS

EXPERIENCE

Senior Frontend Engineer · Adabra
Jun 2024 – Oct 2026

Remote · Dubai, UAE · promoted from Associate

- Owned the Pages, Funnels, CRM reporting and Clients/Projects modules of Stackly, an all-in-one agency platform (React/Vite, Node.js, MongoDB), agreeing REST API contracts with the backend team.
- Introduced Redux Toolkit platform-wide, replacing scattered localStorage state with one predictable store.
- Built the GrapesJS builder state for pages and 17 funnel step types (component trees, styles, sub-pages, custom-domain publishing) on one shared editor core behind 30+ templates.
- Built the CRM reporting suite: 10 report types, 8–10 step builders (filters, metrics, 5 chart types), dashboards.
- Integrated LLM generation into the builders: prompt-to-page (standard and 3D layouts), section generation and file/image context, opening output in the same editor so users keep full control.

Software Engineer · Smart Engineering & Design Solutions
Jul 2023 – Jun 2024

Islamabad, Pakistan · On-site

- Designed the relational schema (10–15 modules, 10,000+ records, referential integrity across subsystems) and built Node.js/Express REST APIs for real-time inventory, inter-store transfers and cross-location reporting.
- Maintained EmpowerCRM, a healthcare-staffing ATS/CRM, via Jira fixes and features; built WordPress/PHP sites.

Software Engineer Intern · Pixako Technologies (Pvt.) Ltd
Feb 2023 – Jul 2023

Islamabad, Pakistan · On-site

- Built 2 management systems in Next.js and SQL, incl. an employee attendance system with biometric-style check-in.
- Integrated a GraphQL (Apollo) data layer for analytics dashboards; moved public-page data fetching to Next.js SSR.

Freelance Full-Stack Developer · Self-employed
2020 – 2023

Remote · part-time, during and after university

- Delivered paid client projects end to end, working directly with clients: e-commerce stores, management systems, CRMs, Puppeteer scrapers and landing pages (MERN, Next.js, WordPress, PHP, Python).

PROJECTS

OneFeeOKR · OKR SaaS with one flat fee per company · solo build · 2026

Live site | Live preview (no signup) | Case study

- Enforced tenant isolation in Postgres for a multi-tenant schema on Supabase (23 tables, 9 migrations): 39 RLS policies, 5 workspace roles, a coach role across client workspaces and an audited platform-admin role.
- Enforced Paddle billing in SQL: webhook-driven plan state, guard functions that make lapsed workspaces read-only, and triggers for plan limits, with data always exportable.
- Built hourly Netlify jobs (reminders, Monday summaries via Resend, integration syncs), signed one-click links, outbound webhooks and a bearer-key REST API; AES-256-GCM token encryption.

Stack: Node.js · TypeScript · Supabase · PostgreSQL · Drizzle · Zod · Paddle · Resend · Netlify · Next.js

EDUCATION & MORE

BS in Computer Science · University of Southern Punjab, Multan · Oct 2018 – Oct 2022

Certification: MERN Stack Development (PSEB) · Languages: English (professional), Urdu (native), Punjabi