

Mansha Qarib

Full-Stack Engineer | AI Integration | React | Next.js | Node.js | Laravel

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PROFESSIONAL SUMMARY

Full-stack engineer with 8+ years shipping production applications end to end - React and Next.js on the front, Node.js and Laravel behind - with hands-on production experience integrating AI and LLM capabilities into live products: a RAG-based support assistant answering from a company's own documents, an AI listing assistant generating structured listings from a photo, vector-based semantic search over pgvector, and a natural-language-to-SQL query interface. Delivered on platforms including the tax-filing interface used by 700+ US financial institutions, a classifieds and auctions marketplace serving 100,000+ users, and a debt-recovery platform used by 10,000+ businesses. Currently delivering full-stack applications at Qualascend, a Dubai Silicon Oasis product studio building web, mobile and cloud platforms for clients across the Middle East, US and Europe. Owns architecture rather than screens: rendering strategy chosen per route, component primitives built once and composed after, WCAG 2.1 AA specified up front, and Core Web Vitals measured against a budget. HackerRank certified in Frontend Developer (React), Software Engineer and Node.js. Based in Riyadh with a transferable Iqama, available immediately.

KEY ACHIEVEMENTS

- Shipped a natural-language-to-SQL query interface at a platform serving 700+ financial institutions, so non-technical staff answer their own data questions instead of queueing requests on an engineer.
- Built an AI listing assistant for a marketplace serving 100,000+ users: a photo and a few words go to a vision LLM, which returns a polished title and description as structured JSON fed straight into the GraphQL mutation.
- Doubled site traffic post-launch by rebuilding a storefront's rendering architecture on the Next.js App Router, at roughly 95 Lighthouse performance on mobile.
- Reduced page load times by 30% while leading a small development team, through query optimisation and CI/CD workflows introduced to the team.

TECHNICAL SKILLS

AI and LLM Integration: OpenAI API, Anthropic (Claude) API, RAG pipelines, LangChain, vector databases (pgvector), semantic search, embeddings, text-to-SQL, vision-to-structured-data, prompt engineering, structured output validation

Languages: TypeScript, JavaScript (ES6+), SQL, PHP, Python, HTML5, CSS3

Frontend: React 18 and 19, Hooks, custom hooks, Context, Next.js (App Router, Server Components, SSR, ISR), React Router, reusable UI component libraries, design systems, Radix UI, shadcn/ui, Storybook, Tailwind CSS, Ant Design, Material UI, Recharts, dnd-kit, responsive and mobile-first design, cross-browser compatibility, WCAG 2.1 AA accessibility, Core Web Vitals, code splitting, SEO, React Native, Vue.js, Nuxt.js

State Management: Redux Toolkit, Redux, TanStack Query (useQuery, useMutation, cache invalidation), React Context, server and client state separation, normalised store design, Redux Persist

Backend and API: Node.js, NestJS, Express, Prisma ORM, REST API design and integration, GraphQL, WebSockets, JWT, OAuth, NextAuth.js, Laravel Sanctum, role-based access control, Zod schema validation, Laravel, Supabase

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud and DevOps: AWS (Lambda, S3, EC2, IAM), Serverless Framework, Vercel, Docker, Git, GitHub Actions, Jenkins, CI/CD pipelines

Testing and Quality: Jest and Vitest (unit and integration), Cypress and Playwright end-to-end, automated regression suites, ESLint, Prettier, Husky pre-commit hooks, code reviews

Practices: Frontend architecture, rendering strategy per route, Agile and Scrum, mentoring, technical documentation, cross-functional collaboration, stakeholder communication

Tools: Git, Figma (Auto Layout, components, prototyping), Storybook, Vite, npm, Postman, Jira

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer - Qualascend

Dubai, United Arab Emirates (Remote) | Aug 2024 - Present

- Deliver full-stack applications at a digital product studio out of Dubai Silicon Oasis - React and Next.js applications over Node.js APIs, deployed on AWS and Azure for clients across the Middle East, US and Europe.
- Own client projects from the first scope conversation through to launch, working directly with founders and product owners rather than through a separate delivery layer.
- Contribute to the studio's cloud practice on migration and maintenance engagements, running readiness assessments and TCO exercises before moving client workloads onto AWS or Azure.

Senior Software Engineer - AFIA Insurance L.L.C

Dubai, United Arab Emirates (Remote) | Mar 2023 - Jul 2024

- Delivered the front end for InsuranceMarket.ae, the consumer brand of a Central Bank-regulated UAE insurance brokerage, in React and TypeScript.

- Built multi-step quote journeys across motor, health and home lines, modelling form state once and reusing it per product rather than forking a separate flow for each line.
- Shipped policy management and renewal surfaces, carrying the brokerage's regulatory requirements in the interface itself rather than in a manual review step.

Senior Full Stack Engineer (Contract) - Independent

Upwork Top Rated Plus | Remote | Feb 2023 - Present

- Shipped React and Next.js applications in TypeScript across four concurrent client engagements in e-commerce, SaaS, fintech and healthcare, owning frontend architecture end to end.
- Chose rendering strategy per route rather than per application: ISR for catalogue pages, server rendering on request for anything reflecting live stock or live rates, Server Components keeping the client bundle to what actually needs interactivity.
- Built reusable component libraries documented in Storybook, integrated REST and GraphQL APIs secured with JWT, OAuth and role-based access control, and delivered live order, booking and tracking views over WebSockets without polling.
- Delivered WCAG 2.1 AA accessibility as scoped work rather than a pass at the end, designed screens in Figma where there was no dedicated designer, and shipped through GitHub Actions CI/CD with Jest, ESLint, Prettier and Husky pre-commit hooks.
- **Lappeland (lappeland.no)** - custom-label storefront for the Norwegian market on the Next.js App Router with TypeScript, Prisma ORM, NextAuth and Tailwind CSS, including a design-your-own configurator. Doubled traffic post-launch by splitting the rendering - catalogue pages incrementally regenerated, live-stock pages server-rendered per request - at roughly 95 Lighthouse performance on mobile.
- **LiftFoil (liftfoils.com)** - headless commerce for a premium electric hydrofoil brand on Next.js 14 and the Shopify Storefront GraphQL API, with a guided configurator that narrows boards, wings and masts by rider level before showing a price, region-based multi-currency pricing and Stripe checkout. Traffic doubled after the migration.
- **Bang & Olufsen (bang-olufsen.com)** - luxury audio storefronts across 70+ countries on Next.js 14, TypeScript and GraphQL, with localised pricing, language and shipping per market, and editorial in Contentful so marketing ships campaigns without a deploy behind ISR product pages.
- **NerdWallet (nerdwallet.com)** - personal finance comparison platform serving millions of monthly users. Server-rendered the editorial and comparison surfaces in Next.js, React and TypeScript with rate data fetched per request against PostgreSQL, so the indexed page carries the figures the visitor reads, and reflowed comparison tables into stacked cards on narrow viewports.
- **Deliveroo (deliveroo.co.uk)** - restaurant delivery marketplace across the UK and Europe. Collapsed restaurant, menu and order reads into single round trips behind a Node.js GraphQL layer, put Redis in front of the search path, and built live rider tracking over a WebSocket channel rather than polling.
- **Neonbit (neonbit.at)** - two-sided advertising marketplace for live gaming streams, built in React and TypeScript on a custom Laravel API with role-scoped views serving brands and streamers from one product, including a planner that turns a budget and a CPM into projected impressions and clicks before booking across 500+ verified streamers.
- **Salearis (salearis.com)** - B2B sales-talent marketplace across Germany, Austria and Switzerland. One Laravel and Vue.js application serving both sides behind Sanctum sessions with two-factor authentication, Stripe subscription billing, German and English localisation, and a RAG-based support assistant answering from the marketplace's own documentation and policies over a retrieval layer with the OpenAI and Anthropic APIs.

Senior Full Stack Engineer - Global Shopaholics LLC

Remote, United States | Aug 2022 - Feb 2023

- Delivered client web applications from Figma specification through to production deployment for US and UK clients, working directly with non-technical stakeholders with no technical intermediary in between.
- **JACOBS Drycleaners (jacobsdrycleaners.co.uk)** - Nuxt.js and Vue.js front end on a Laravel 8 REST API serving two audiences on one system: customers booking and tracking orders, and staff managing those orders and customer records from an admin area.
- **Global Shopaholic (globalshopaholics.com)** - Bootstrap Vue 3 storefront on a Laravel 8 backend with payment-gateway integration and order processing, delivered end to end against direct stakeholder feedback.

Senior Full Stack Engineer - VisionX Technologies, Inc.

Pakistan | Jul 2020 - Jul 2022

- Delivered engineering across three enterprise platforms in an Agile team, working with architects, designers and backend engineers and contributing to code reviews and frontend standards, and shipped the first LLM features to reach production on two of them.
- **Halcyon (halcyonsolutions.ai)** - US tax management platform used by 700+ financial institutions. Built the enterprise React frontend with Redux Toolkit and Ant Design, replacing per-module forms and data tables with reusable primitives sized for long field sets and conditional sections, which removed validation logic duplicated across filing modules. Normalised the Redux store so every module read a filing from one place, surfaced server-side validation inline against the offending field, and integrated Node.js, MySQL and Prisma ORM services including IRS Tax API data flows. Built an LLM tax-document summariser over filed returns using the OpenAI API with PDF parsing and prompt templates, producing plain-English summaries for non-technical stakeholders, and a natural-language-to-SQL query interface converting questions such as "show all filings over \$50k from Q3" into queries against the MySQL and Prisma schema.
- **Ayshei (ayshei.com)** - UAE classifieds and auctions marketplace serving 100,000+ users. Built the React frontend for four verticals from one component set parameterised by vertical, against GraphQL APIs over Golang and Node.js microservices with PostgreSQL, including an AI listing assistant where a photo and a few words go to a vision LLM that returns a title and description as structured JSON feeding the GraphQL mutation, semantic search over a pgvector store on the existing

PostgreSQL so a query like "cheap family SUV" surfaces listings with no keyword overlap, and live auction bidding. Shipped on AWS EC2 and S3 through Docker and Jenkins CI/CD.

- **Morta (morta.com)** - construction-tech SaaS for property developers. Delivered procurement, budgeting and stakeholder coordination on Next.js, TypeScript and GraphQL, modelling procurement as an explicit six-state tender flow, with Stripe subscription billing, a Storybook-documented component library and Jest and Cypress coverage.

Software Developer - Taaruff

Islamabad, Pakistan | Sep 2019 - Jun 2020

- Delivered client websites and mobile applications from brief through to launch for an IT services firm operating out of Downtown Dubai and Islamabad, on a shared Laravel and JavaScript stack.
- Worked directly with non-technical stakeholders on scope, revisions and handover, with no product or business-analyst layer in between.

Software Developer - TechnDevs

Sargodha, Pakistan | Sep 2018 - Aug 2019

- Built and shipped client websites and mobile applications for the agency's US and Pakistan client base, on an agency delivery schedule.
- Implemented interfaces from supplied design files in Laravel and JavaScript, and presented completed work directly to international clients.

PHP / Laravel Developer - Dixeam Inc

Pakistan | Sep 2017 - Aug 2018

- Led a small development team, introduced CI/CD workflows to streamline delivery, and reduced page load times by 30% through query optimisation and indexing.
- **SnapDebt (snapdebtrecovery.com)** - debt recovery platform serving 10,000+ businesses across Florida, built on React with Redux Toolkit, Node.js and Prisma ORM. Modelled collection workflows as explicit states with document storage on AWS S3, so compliance reporting derived from the same data the interface rendered.
- **Moonrock (moonrockpm.com)** - cross-platform tenant and landlord property management app in React Native and TypeScript with MySQL, putting rent, leases and maintenance on one shared record, with Stripe handling recurring rent and maintenance requests tracked as state rather than messages.

EDUCATION

Bachelor of Science in Computer Science

University of Sargodha, Pakistan | 2016 - 2020

CERTIFICATIONS

- Integrations: APIs & Connected Workflows - n8n Certificate of Completion | Aug 2026 | ID 08485c7e4cf84075856e3037fc386591
- Frontend Developer (React) - HackerRank Role Certification | Dec 2025 | ID AB235BF66DFC
- Software Engineer - HackerRank Role Certification (problem solving, SQL, REST API) | Jul 2026 | ID E6B80B2188AA
- Node.js - HackerRank Skill Certification | Jul 2026 | ID 573E451FEDA8
- Top Rated Plus Freelancer - Upwork | 2023