

Muhammad Roushan

Full-Stack Product Engineer

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I build production software across SaaS, backend systems, and AI-enabled products. My work connects practical interfaces with the data, integrations, and infrastructure behind them.

ENGINEERING DEPTH

Product engineering

React, Next.js, TypeScript, React Native, responsive and offline-first applications.

AI & retrieval

Document processing, semantic search, RAG, voice interfaces, and generation pipelines.

Backend systems

Laravel / PHP, Python, Node.js, APIs, queues, multi-tenancy, billing, and realtime workflows.

Data & delivery

PostgreSQL, MySQL, Redis, vector databases, AWS, Vercel, Coolify, and CI/CD.

SELECTED PROJECT EXPERIENCE

DoneBuild AI estimating / Pricebook / RAG

Built AI estimate workflows and Pricebook management, with semantic retrieval grounded in business pricing. Added editable review, pricing updates, activity history, and undo.

Next.js, TypeScript, PostgreSQL

Fairytail AI generation / SaaS

Built a multi-stage pipeline turning family photos into story videos, with live progress, credit handling, and automatic refunds when generation fails.

Next.js, Laravel, AI services

Parlami Healthcare / Booking & billing

Built family-aware therapy workflows across patient, psychologist, and admin portals, including appointment booking, credit-based billing, and reminders.

Laravel, TypeScript, Stripe

Fundreef Fundraising / Data & AI

Built investor discovery, fundraising tools, and CRM workflows. Connected AI analysis with role-aware experiences for founders, investors, and advisors.

Laravel, Livewire, Python

ContractBot.ai Document intelligence / Retrieval

Built document ingestion and conversational search across contract repositories, with semantic retrieval, source citations, and organization-specific knowledge bases.

React, Python, vector databases

Amend Infrastructure / Multi-tenant SaaS

Built DNS management and monitoring workflows across providers, with tenant isolation, change tracking, snapshots, alerts, and background processing.

Laravel, AWS, provider integrations

More work and detailed case studies at thisisroushan.com/projects.