

# Yaseen Khatib

## Senior Full-Stack AI Engineer · Builds & Ships AI Products

Senior Full-Stack AI Engineer with 4.5+ years building and shipping autonomous AI products — Agentic RAG, LLM orchestration, and OpenAI function-calling agents on scalable MERN foundations. Open to remote roles.

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[github.com/Yaseenyk/portfolio](https://github.com/Yaseenyk/portfolio)

HYDERABAD, INDIA · OPEN TO  
REMOTE

## WORK EXPERIENCE

- Senior Software Developer** 06/2025 – Present  
Sparity Hyderabad, India (Hybrid)
  - AI Framework Orchestration:** Engineering complex Agentic RAG models and sovereign system integrations inside enterprise MERN architecture.
  - Workflow Compilations:** Overseeing system transition paths to use highly optimized prompt logic and automated logic layers.
- Full Stack Developer** 01/2023 – 05/2025  
MSA Software Remote
  - Accelerated system dashboard response speeds by **1.5x to 2x** implementing strict structural caching layers and lazy loading protocols.
  - Successfully migrated sprawling legacy JavaScript codebases into safe, strictly structured **TypeScript** pipelines.
  - Refactored shared context state parameters from Redux into clean **Redux Toolkit slice configurations**.
- Software Developer (SDE 1)** 09/2021 – 01/2023  
Manorama Infosolutions Pvt Ltd. Remote
  - Engineered custom REST routing layers inside ASP.NET environments, delivering a confirmed **2x boost in wire payload processing throughput**.
  - Restructured system communication parameters cleanly into rigorous Model-View-Controller patterns.

## TECHNICAL SKILLS

### AI ENGINEERING

- Agentic RAG
- OpenAI Function Calling
- Local / On-Device RAG
- Claude / GPT

### FRONTEND MASTERY

- React.js
- TypeScript
- Next.js App Router
- React Native / Expo
- Redux Toolkit

### BACKEND & DATA

- Node.js / Express
- MongoDB
- Redis Cache
- SQL Server

## EDUCATION

**B.E (Computer Science)** 2021  
D. Y. Patil College of Eng.

**Diploma (CS)** 2018  
D. Y. Patil Polytechnic

## CERTIFICATIONS

- Front End Architecture — Coding Ninjas
- React Production Development — Coding Ninjas
- Advanced Backend Systems — Coding Ninjas

## AI & FULL STACK PROJECTS

### Sable [Flagship Product](#)

A local-first AI financial agent (React Native / Expo). Keeps 100% of financial data on-device in SQLite with no cloud backend; an OpenAI function-calling agent tracks peer-to-peer debts and pushes proactive briefings, with every database mutation gated behind a Review & Confirm boundary. Automated bank-SMS ingestion uses the Adapter Pattern and a p-queue to serialize SQLite writes.

[Local-First / On-Device AI](#)[React Native / Expo](#)[SQLite](#)[OpenAI Function Calling](#)[Local RAG](#)[Case Study](#) [Code](#)

### streamerOS [Flagship Deployment](#)

A Rust-powered desktop cockpit for streaming professionals, engineered via modular Claude orchestrations. Handles live system telemetry feeds, multi-platform chat velocity streams, and real-time automated OBS scene synchronization.

[AI-Architected](#)[Rust / Next.js](#)[Live Telemetry](#)[WebSockets](#)[Claude AI](#)[Live Demo](#) [Code](#) [Website](#)

### Police Agentic RAG System (POSCO Matrix)

An autonomous agentic RAG engine for law-enforcement workflows. Scans massive multi-format legal archives with custom vector embeddings to trace, evaluate, and output secure, court-admissible verdict matrices.

[Agentic AI](#)[Vector Retrieval](#)[LLM Orchestration](#)[Python](#)

### IntegrateX Automation Core

A node-routing workflow-automation environment with responsive connectors, processing layers, and directional edge bindings. A custom state Serialization Adapter compresses graph definitions over the wire.

[94% Payload Compression](#)[React Flow](#)[Zustand](#)[TypeScript](#)

### Automated LinkedIn Pipeline

A Python autonomous agent on GitHub Actions that drafts and publishes technical LinkedIn content on a cron via the Gemini API — zero servers, zero manual posting.

[Autonomous Agent](#)[Python](#)[GitHub Actions](#)[Gemini API](#)[Cron](#)[Code](#)

### Zero-Cost AI Blog Writer

A native Next.js pipeline that autonomously writes, formats, and deploys Markdown articles to this site — Gemini drafts the MDX, GitHub Actions commits it, and GitHub Pages ships it at \$0 runtime cost.

[Autonomous Pipeline](#)[Next.js](#)[MDX](#)[google-genai](#)[GitHub Actions](#)[Case Study](#) [Code](#)