



RAM SINGH

FULL STACK AI DEVELOPER

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CORE SKILLS

Frontend

React.js Next.js JavaScript (ES6+) React Native

Expo HTML5 CSS3 SCSS Material UI

Bootstrap

Backend

Python FastAPI REST APIs API Integration

MySQL

LLM / GenAI

LLMs OpenAI APIs LangChain LangGraph

LlamaIndex RAG Vector-less RAG Embeddings

Vector Databases Prompt Engineering

AI Systems

AI Chatbots AI Assistants AI Agents Agentic

Workflows Tool Calling LLM Orchestration

Vector / Knowledge

Pinecone Chroma Document Q&A Knowledge

Bases Document Ingestion

Computer Vision

Face Detection Liveness Detection Luxand Cloud

API Face Comparison Age / Gender / Emotion

Recognition

AI Dev Tools

Claude Code Cursor GitHub Copilot OpenAI

Codex ChatGPT

Testing

Postman API Testing Functional Regression



PROFESSIONAL SUMMARY

Full Stack & Generative AI Developer with 2.5 years of hands-on experience building modern web applications, SaaS platforms and AI-powered products. Strong in React.js/Next.js, JavaScript, Python/FastAPI, REST APIs and MySQL, with practical experience developing LLM applications using LangChain, LangGraph, LlamaIndex, RAG, vector-less RAG, embeddings, vector databases, AI chatbots, AI research assistants and agentic workflows. Experienced in designing AI orchestration systems, document-grounded assistants and AI support solutions, while using AI-assisted development tools such as OpenAI Codex, Claude Code, Cursor and GitHub Copilot.



PROFESSIONAL EXPERIENCE

Full Stack & AI Developer

Flex2 LLC

- Designed and built Facility Operations workflows covering ticket → work order → multi-vendor RFQ → approval → invoice closeout, with role-based dashboards for Service Managers and Corporate leadership.
- Developed the SpendGuard financial dashboard for invoice/work-order matching, exception queues, contract/rate-card comparisons and vendor scorecards.
- Built Environmental Compliance and real-time IIoT dashboards for HVAC, compressors, dryers and current-sensor hubs, including exception feeds and runtime analytics.
- Built the Portfolio Command Center, a multi-site leadership dashboard with exception queues, approval-aging indicators and spend-vs-budget views.
- Maintained a unified Figma design system across product modules and delivered production-ready React/Next.js interfaces with responsive component patterns.
- Used Claude Code, GitHub Copilot and Cursor for component scaffolding, API integration, refactoring, code review and automated test generation.

React.js Next.js JavaScript SCSS Material UI Python FastAPI MySQL Figma

Full Stack Developer

Stackkly.com

- Contributed to the Stackkly.com truck parking and vehicle storage marketplace, building responsive React.js interfaces for drivers, fleet managers and hosts.
- Implemented marketplace experiences including location-based search, listing filters, availability, listing details, booking flows and host-side management views.
- Worked across web product flows and responsive experiences aligned with the Figma design system and product requirements.
- Performed functional and regression testing across production/development flows, documenting defects and validating fixes across key user journeys.
- Used AI-assisted development tools to accelerate implementation, debugging, refactoring and test preparation.



AI, LLM & FULL-STACK PROJECTS

AI Knowledge Assistant

- Built an AI knowledge assistant for private company documents with an LLM chat

Design

Figma Wireframing Prototyping UI/UX Dev

Mode

LANGUAGES

- Hindi — Native
- English — Professional
- Punjabi — Native

interface, document ingestion and status tracking. Supported PDF, Markdown, text and CSV sources, PageIndex-based vector-less RAG processing, GitHub README importing and API-key authentication.

AI Research Assistant

- Created an AI research assistant designed to help users research topics, organize information and produce grounded research responses using LLM-based workflows and retrieval-oriented techniques.

Company AI Assistant

- Created a company-focused AI assistant for answering internal knowledge and support questions, using LLMs, retrieval and structured knowledge workflows to provide contextual responses.

AI Support Mind

- Developed an AI support solution focused on conversational assistance and support workflows, combining LLM capabilities with contextual responses and application-level business logic.

Instagram Comments Crawler

- Created an Instagram comments crawler for collecting comment data as an input for downstream analysis and AI workflows, enabling structured processing of social-media comment data.

AI Development Orchestrator — AICO

- Created an AI CLI orchestration system that coordinates specialized AI coding workflows. The orchestrator uses AI agents for requirement understanding, architecture, implementation, testing and iterative fixes, allowing different coding agents to collaborate through a structured workflow.

RAG & AI Chatbot Applications

- Built AI chatbot workflows using LangChain/LlamaIndex-style retrieval pipelines, both vector-database-backed RAG (Pinecone, Chroma) and vector-less RAG techniques, focused on contextual answers from private knowledge.

F2 Core — Portfolio Command Center

- Multi-site corporate dashboard aggregating facility, environmental, energy and spend data into a leadership view with exception queues and approval-aging tracking. Built with Next.js, Material UI and Python/FastAPI.

Stackkly.com — Marketplace

- Full-stack UI/UX and frontend work for a nationwide truck parking and vehicle storage marketplace, including search, listings, availability, booking/checkout and host workflows.

Face Detection & Liveness Project

- Built a computer-vision face detection and liveness-verification feature using the Luxand Cloud Face/Liveness Detection API — integrating face detection, face comparison, previously-tagged people recognition, and age, gender and emotion recognition via a secure cloud API key.



UI/UX & DESIGN SYSTEMS

- Design systems and tokens — component libraries, typography, spacing, variants and auto-layout grids.

- Complex workflow UX — role-aware operational screens and multi-step business workflows.
- Interactive prototyping — high-fidelity prototypes, conditional logic and developer handoff.
- Design-to-code — Figma Dev Mode, annotated specs, redlines and export-ready assets.

Figma expertise includes responsive design, component systems, prototyping, design tokens, Dev Mode handoff and complex workflow UX.



ADDITIONAL TECHNICAL STRENGTHS

- API development and integration with Python/FastAPI and REST services.
- Responsive, component-driven frontend architecture using React.js/Next.js.
- Manual, functional and API testing with Postman; defect reproduction and regression validation.
- AI-assisted software engineering for implementation, debugging, refactoring, documentation and test generation.
- Strong product-design perspective from end-to-end Figma ownership and close collaboration with developers.



EDUCATION

B.Com, 2019 — Allahabad University



CAREER FOCUS

Targeting Full Stack Developer, Full Stack AI Developer, Generative AI / LLM Application Engineer, AI Chatbot Developer and AI Agent / Agentic AI Developer roles.