

MAULIK SOMPURA

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AVAILABILITY: Remote, IST/EU timezone. Open to US or EU based contract roles.

SUMMARY

Software engineer (9+ years) building LLM-powered agentic systems: orchestrating Claude/Codex agents and custom frameworks (LangChain, LangGraph, CrewAI) to turn weeks of manual work into hours. A deep full-stack foundation (Node.js, React, Python, Go) is what makes the agents actually ship.

WORK EXPERIENCE

(full details on [LinkedIn](#))

MAY 2026–PRESENT
(early-stage AI startup)

Founding Software Engineer at Juner, Remote

Engineered Build Ads publishing across Meta, Google, and TikTok: agentic prediction runtimes, media classification, normalized ad trees, uploads, and output shaping, with validation and recovery around provider writes.

Shipped creative-reuse systems (Meta creative reuse, Google asset provenance, TikTok material reuse) and cross-provider media composition (Meta Flexible, Google Demand Gen, TikTok Smart Creative).

Defined shared contracts: a common Source Ads Tree, provider media boundaries, canonical asset vocabulary, and asset adapters for Drive, Dropbox, Air, and Frame.io.

Built owned-ad audit systems for Meta and TikTok (fetch, evaluation, orchestration, alerts, telemetry) and app connectors with actions, triggers, and OAuth for Monday.com, Frame.io, Notion, and Trello.

[typescript](#) [ai-agents](#) [oauth](#) [meta-ads](#) [google-ads](#) [tiktok-ads](#)

OCT 2021–MAY 2026
(4 years, 7 months)

Senior Software Engineer at Codemonk, India

Engineered a document comparison agent for Tata Power’s Contract Management System using CrewAI and vector embeddings, cutting contract reviews from 2 days–2+ weeks per document down to hours.

Architected a document summary extraction system for Tata Power’s Finance System using LangChain, LangGraph, and vector embeddings, turning weeks of manual analysis into hours.

Built a Natural Language to SQL generator with CrewAI and SQL schema ingestion for Unilever’s NMCI analysis, reaching 95% accuracy and a 50% faster workflow.

Led the [monolith to microservices](#) shift for the Arré Voice app (Node.js, GraphQL, Go, DynamoDB) with an event queue to sustain 10k concurrent users.

Built Nest.js API modules for ReNew Energy Global following [OWASP secure coding practices](#), and BugSnap, an in-app widget that files Jira bugs with app state, screenshots, and recordings.

[python](#) [crewai](#) [langchain](#) [langgraph](#) [pgvector](#) [node.js](#) [go](#) [graphql](#)

JAN 2019–OCT 2021
(2 years, 9 months)

Web Developer at Pardy Panda Studios, India

Designed hotel management APIs for Shashi Hotels integrating Infor/Agilysys reservations, IoT room controls (thermostat, lights, smart locks), in-room services, and payments (Stripe, Venmo, FreedomPay).

Built Paytm and custom wallet integrations for Vendstop vending machines; delivered Cookt (10,000+ recipes, CodeIgniter and Python scraping), Jhaveri Securities' bond portal, Tugo, and a React nutrition calculator.

`node.js` `express.js` `mongodb` `react` `firebase` `stripe` `php`

EARLIER EXPERIENCE

OCT 2018–JAN 2019

PHP Developer eQuest Solutions

Built web applications with CodeIgniter and Laravel; cut page load times by 25%.

JUL 2017–OCT 2018

Software Programmer Helimp Softomation LLP

Delivered a full ERP for PCB manufacturing (CRM, BOM, sales, inventory, shipping) with Phalcon and MySQL; built the mCare SPA (Node.js, AngularJS) and ported it to Electron.

TECHNICAL PROFILE

AI AND AGENTS: LLM APIs (Claude, OpenAI, Gemini, Ollama, vLLM, Amazon Bedrock), Codex, LangChain, LangGraph, CrewAI, RAG, vector embeddings, Docling, OCR pipelines, prompt engineering

LANGUAGES: Python, TypeScript, JavaScript, Go, PHP, HTML, CSS

FRAMEWORKS: Node.js, React.js, Next.js, Nest.js, GraphQL, Vite.js, CodeIgniter, Laravel

DATABASES: PostgreSQL (pgvector), MongoDB, DynamoDB, MySQL, Redis

INFRASTRUCTURE: Docker, CI/CD, AWS, Azure DevOps, MinIO, REST APIs

SELECTED PROJECTS

TATA POWER: **AGM Potential Questions.** Ingests AGM documents (Docling, OCR), embeds them into pgvector, then runs CrewAI agents with Claude Sonnet 4 to draft stakeholder questions per chunk, deduplicate them, and answer each from the documents.

ROCKED: **Micro-learning analytics.** Node.js and PostgreSQL APIs tracking learning progress and content engagement for dealership staff.

OPEN SOURCE: [pdf-markdown-embed](#): PDF to Markdown for embedding pipelines. More at github.com/lazzym.

CERTIFICATES

ANTHROPIC: Claude Certified Architect, Introduction to Agent Skills, Claude with Amazon Bedrock

LANGCHAIN: LangGraph Essentials (Python)

EDUCATION

2013–2017: **B.E. Computer Engineering**, Government Engineering College Bhavnagar (GTU). CGPA 7.87/10.