

Suryakant Chandrakar

Founding Engineer · Full-Stack & AI Systems

India (Remote) · hello@suryak.com · suryak.com · github.com/soulsurya · linkedin.com/in/soulsurya

SUMMARY

Founding engineer with 3+ years shipping production systems across AI and fintech: RAG and multi-agent platforms holding 95% task-chain success at <400ms p95, and payment rails moving \$10M+ a month at 99.9% uptime. Full-stack (Node.js, TypeScript, React/Next.js, AWS); owns systems end to end, from shaping product with founders to running the infrastructure.

EXPERIENCE

Founding Engineer, insightopia.in Jun 2025 – Present

- Architecting AI-native infrastructure from the ground up as part of the founding team; shaping early product direction directly with founders and design.
- Built a production RAG pipeline (hybrid retrieval, cross-encoder reranking, context budgeting) improving answer relevance ~3x on a labelled evaluation set at <400ms p95, with a regression-tested evaluation harness.
- Designed a multi-agent workflow engine on durable queues with idempotent, retryable steps; complex task chains complete autonomously at a 95% success rate.

Full-Stack Developer, Ippopay Technologies Mar 2023 – Jun 2025

- Built backend services for loan collections, merchant operations, and QR payment processing handling \$10M+ in monthly transaction volume at 99.9% uptime.
- Automated collection workflows (SQS-backed reminders, escalation ladders, idempotent payment webhooks), cutting collection cycle time by 50% without added headcount.
- Developed BeatMap, a geo-fenced field-intelligence platform processing 100K+ location events daily; behaviour-scored routing cut field-agent travel time 35%.
- Implemented company-wide observability on ELK and Redis queues, unifying visibility across all microservices; built real-time dashboards for collections analytics and merchant behaviour; integrated partner APIs for financial workflows.

Associate Software Developer, Vah Vah Apr 2022 – Feb 2023

- Built and maintained backend microservices, admin tooling, and user-facing MERN features; joined as intern, converted to full-time within three months.
- Improved performance and reliability of core user-facing systems; collaborated with mobile teams through OpenAPI specifications.

SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL, HTML, CSS
Backend: Node.js, Express, REST APIs, Microservices, WebSockets, RabbitMQ, AWS SQS
Frontend: React, Next.js, Tailwind CSS
Data: MongoDB, MySQL, Redis, Pinecone (vector search)
AI: LLM integration, RAG pipelines, agent orchestration, prompt engineering, evaluation harnesses, LangChain
Infrastructure: AWS (EC2, S3), ELK Stack, Nginx, Git, CI/CD

EDUCATION

B.Tech, Bhilai Institute of Technology, Durg 2018 – 2022

Schooling, Jawahar Navodaya Vidyalaya 2017

SELECTED PROJECTS

AI RAG Pipeline: grounded LLM answers with citations and confidence fallbacks; ~3x relevance lift, <400ms p95.
suryak.com/work/ai-rag-pipeline

Agentic Workflow Engine: multi-agent orchestration on RabbitMQ with shared vector memory; 95% task-chain success.
suryak.com/work/agentic-workflow-engine

Fintech Automation Suite: payments and collections backbone orchestrating \$10M+ monthly; halved collection time.
suryak.com/work/fintech-automation-suite