

Suraj Goswami

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Summary

Full Stack Engineer with 2.5+ years cutting backend latency by 97% and shipping fintech-grade features for platforms serving 20k+ monthly users. Currently building a self-hosted GraphRAG platform combining static code analysis with LLM reasoning.

Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Backend: Node.js, Express.js, NestJS, REST APIs, WebSockets, BullMQ, Redis (caching & rate limiting), Microservices

Frontend: React.js, Next.js, Tailwind CSS, React Native, Responsive UI Development

Databases & Infra: PostgreSQL, MySQL, MongoDB, Neo4j, Qdrant (vector DB), AWS (EC2, S3, Lambda), Docker, Git, GitHub Actions, CI/CD

AI: OpenAI APIs, LangChain, RAG, LLM Agent Workflows, Prompt Engineering

Web3: Solidity, Smart Contracts

Work Experience

Full Stack Engineer | WisewayTec

Sept 2024 – Present

- Diagnosed and eliminated a backend request bottleneck, cutting latency from 4 seconds to under 100ms (97% reduction) by redesigning the request flow with BullMQ job queues and Redis caching.
- Built and shipped React.js interfaces backed by Node.js services for gaming and fintech products, integrating REST APIs and real-time WebSocket communication to support 20k+ monthly active users.
- Designed LangChain-based AI agent workflows to automate recurring engineering tasks, reducing manual effort on repetitive development processes.
- Owned features end-to-end from design through production deployment, working directly with backend and frontend teams in a Git-based workflow.

Full Stack Developer | Wiselogics Digital Solutions

Mar 2024 – Aug 2024

- Built React.js and Next.js applications on REST APIs for banking, CRM, and logistics platforms serving 10k+ monthly users.
- Designed and implemented authentication systems (JWT-based) and backend APIs with Node.js and Express.js, securing access for all platform users.
- Wrote a Python automation pipeline to extract USDOT motor carrier data, eliminating over 20 hours/week of manual operations work.
- Integrated Razorpay and Stripe payment gateways into production checkout flows.
- Owned bug fixes and production deployments in Agile sprints, maintaining 99.5% uptime via GitHub Actions CI/CD.

Projects

GraphMind | Next.js, FastAPI, Tree-sitter, Neo4j, Qdrant, LangChain github.com/SurajG20/ai-repo-workspace

- Architecting a self-hosted GraphRAG platform: parses repositories with Tree-sitter into a Neo4j code graph, then answers architecture questions via hybrid vector + graph retrieval.
- Sequenced the monorepo build so deterministic parsing/graphing ships ahead of LLM integration, reducing risk of unreliable output early in development.
- Designed a pluggable BYOK provider layer (OpenAI, Anthropic, Ollama) so users control model choice and cost without vendor lock-in.

Calorie Tracker | Next.js, Node.js, OpenAI, PostgreSQL, Redis

github.com/SurajG20/Calorie-Tracker

- Built an AI-powered nutrition tracker that parses natural-language meal descriptions via OpenAI APIs, cutting manual entry time by 90%.
- Implemented Redis-based rate limiting to support 500 concurrent users within third-party API constraints.

Custodia | Next.js, Solidity, Binance Smart Chain, Supabase, Reown

github.com/SurajG20/Custodia

- Built a decentralized escrow platform for milestone-based payments using Solidity smart contracts with automated, trustless release conditions.

Education

Samrat Ashok Technological Institute, Vidisha

2020 – 2024

Bachelor of Technology in Electrical & Electronics Engineering

CGPA: 8.26/10