

Somu Nath

+91-7044731377 — somunath380@gmail.com — LinkedIn — GitHub

Summary

Software Engineer with 3+ years of experience building scalable, distributed, and production-grade systems. Strong background in backend development, AI-driven platforms, and real-time systems.

Skills

Languages: Python, JavaScript, TypeScript, SQL, Bash

Backend: FastAPI, Django, Node.js, Express.js, REST APIs, Microservices, Async Architecture, WebSockets, SSE

Frontend: React.js, Tailwind CSS, Vue.js, WebRTC, HTML, CSS

AI / ML: RAG, LLM APIs, LoRA, QLoRA, AI Agents, Prompt Engineering, Vector Databases

Databases: PostgreSQL, MongoDB, Redis, Elasticsearch, Pinecone, MinIO

DevOps: Docker, Kubernetes, Kafka, RabbitMQ, AWS (EC2, S3, RDS, Lambda, EKS)

Experience

Marsdevs

March 2025 – Dec 2025

Full Stack Developer

- Built a distributed, cloud-native GPU-based AI model fine-tuning platform with system-designed subscription tiers, LoRA workflows, job tracking, and AWS S3 storage.
- Developed scalable FastAPI microservices using RAG architecture, Pinecone vector database, and LLM APIs with SSE-based streaming, following distributed system design principles.
- Implemented unified AI APIs for text completion, image generation, and classification.
- Built a real-time distributed system for chat and audio/video calling using FastAPI, Socket.IO, MongoDB, PeerJS, and WebRTC, designed for low latency and horizontal scaling.
- Developed a scalable video content platform with secure uploads, background processing, and adaptive streaming.

Fynd

April 2022 – March 2025

Software Development Engineer

- Integrated marketplaces such as Shopify, AJIO, Nykaa, and Myntra, improving order processing efficiency by 80%.
- Designed and delivered scalable backend features in distributed, high-traffic environments.
- Optimized inventory and order pipelines, reducing downtime and improving system reliability.
- Implemented auto-retry mechanisms, background jobs, inventory reservation, and shipment segmentation.
- Collaborated with product, support, and SRE teams to improve monitoring and system stability.

Projects

MockingBird (Dynamic API Mocker)

GitHub

- Built a dynamic mock API platform supporting custom responses and file-based logic execution.

Stock Viewer

GitHub

- Developed a stock tracking app with Alpha Vantage API and Google Identity authentication.

Education

University of Calcutta — M.Sc. in Electronics Science

Awards

Fynd Stars Award