

SAMARTH BHAMARE

AI Engineer — Agentic Systems & Applied LLMs

Pune, India | +91 90750 02770 | bhamaresamarth@gmail.com | linkedin.com/in/samarth-bhamare | github.com/Samarth0211
clskillshub.com | screenmyresume.com

SUMMARY

AI engineer who owns systems end-to-end, from design to production. Sole architect of a LangChain multi-agent platform that has run in production for over a year, handling large document workloads for a US client. Outside of my day job, I've independently founded and shipped two SaaS products — a Claude Code skills marketplace with 1,200+ monthly active users, and a resume-analysis tool — handling everything from backend architecture to deployment and infrastructure myself.

EXPERIENCE

AI Engineer

Apr 2024 – Present

DataKernels Analytics & Consulting LLP, Pune — AI/data consulting firm building production systems for US healthcare & legal clients

MedXprts — Agentic AI & Document Intelligence Platform

- Sole architect of an agentic AI platform that ingests large patient document packages (1,500+ pages) and generates structured Life Care Plan reports, cutting turnaround from 3–4 days to under 3 hours and now running 400+ workflows a month at roughly 95% accuracy against manual review.
- Designed a LangChain multi-agent pipeline with specialist agents for diagnosis, treatment history, and cost extraction — combining RAG and tool-calling with a reflection loop that self-validates outputs before they're persisted to Snowflake and Redis.
- Built an evaluation framework (BLEURT, BERTScore, ROUGE-L, semantic similarity) covering 153 quality checks, with severity-tiered alerts to catch medically significant inaccuracies before reports reach the client.
- Redesigned the FastAPI backend to route report sections to dedicated LLM agents concurrently instead of sequentially, cutting per-report processing time from 90–120s to 12–20s.

FeeViewer — System Reverse Engineering & Backend Automation

- Reverse-engineered a GUI-only proprietary desktop tool into a programmatic CLI service on AWS, resolving COM threading issues and exposing a REST interface that brought lookup time down from 5–7s to under a second.

Data Infrastructure & Workflow Orchestration

- Led a distributed Airtable-to-Redshift migration and built fault-tolerant serverless ETL pipelines on Lambda and S3, scaling the pipeline to 500K+ rows.
- Architected over 100 n8n workflows for event-driven orchestration across AWS services, external REST APIs, and internal data stores.

Business Intelligence Platform

- Shipped a BI stack from zero to production (S3 → Snowflake → Zoho CRM) with Power BI dashboards tracking physician volumes, referrals, and case outcomes — consolidating three data sources into one pipeline and eliminating manual reporting.

INDEPENDENT PROJECTS

CLSkills.in / clskillshub.com — Claude Code Skills Marketplace

- Founded and built solo an open-source marketplace hosting 2,300+ Claude Code skills and 10 autonomous agents, reaching 1,200+ monthly active users and getting featured on Product Hunt. Own the full stack — Next.js/TypeScript/Tailwind frontend, backend, and ongoing conversion and performance work.

screenmyresume.com — Resume Analysis SaaS

- Designed and shipped a SaaS product that shows job seekers how AI recruiting tools actually parse and score their resume. Built the multi-agent backend, Next.js/Tailwind/shadcn frontend, and self-manage deployment (VPS, Nginx, SSL).

CloudPilot — Multi-Cloud Cost Intelligence SaaS

- Built an AI agent that aggregates AWS, GCP, and Azure spend and gives context-aware cost optimization recommendations, grounded in a user's live cloud environment via read-only API access.

EDUCATION

M.Sc., Data Science — Deakin University, Australia (Distance Learning)

2023 – 2025

GPA: 3.58 / 5.0

B.E., Computer Engineering (Lateral Entry) — Savitribai Phule Pune University (SPPU)

2020 – 2023

CGPA: 8.75 / 10.0

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst (PL-300)
- Process Data from Dirty to Clean — Google
- National Level Hackathon Winner — Great Learning