

Satya Saridae

Director – Generative AI & Engineering

Forward-Deployed AI Engineering Leader · Healthcare & Life Sciences

F0rty2.ai — agentic engineering platform

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SUMMARY

Forward-deployed AI engineering leader with 19 years across healthcare, life sciences, banking, and regulated enterprise software. Currently Director – Generative AI & Engineering at Global HealthX, building agentic engineering operating models for lean venture-studio teams. Created F0rty2.ai to standardize AI-assisted product delivery around governed architecture, shared domain models, and maintainable healthcare product patterns. Previously co-led GxP/GAMP 5-aligned AI delivery at Novartis, including AE Brain for pharmacovigilance and DOCZ for DSUR automation across a 250K quarterly document pipeline.

EXPERIENCE

Director – Generative AI & Engineering

Global HealthX (GHX, formerly GIH)

June 2024 – Present

- Created F0rty2.ai as the agentic engineering foundation for Global HealthX's venture studio, standardizing architecture, domain models, permissions, and AI workflows for maintainable healthcare product delivery
- Led a lean 5-person product-engineering squad as architect, hands-on developer, and AI engineering lead, taking Helix Engage from requirements sign-off to hospital pilots for Deepam and Ramaiah within 2 weeks
- Delivered Helix Engage, a patient engagement and call-center CRM covering appointment booking, missed-call management, AI call summaries, agent assist, and campaign/referral tracking
- Led AI/technology due diligence and stack-refresh recommendations across health-tech ventures; Tenmed and Docpulse advanced into the GHX portfolio after evaluation
- Provided AI architecture and product oversight across portfolio opportunities including Cognitivebotics, assessing GenAI pathways for autism therapy, remote monitoring, EMR, and clinical decision-support use cases

Associate Director – ML & Architecture

Novartis

Aug 2022 – June 2024

- Co-led cross-functional CSV and implementation work for AE Brain, Novartis's first GxP-compliant pharmacovigilance AI system, aligning product delivery with GAMP 5 principles
- Helped establish IQ/OQ/PQ validation patterns, auditability, SOPs, and monitoring practices that informed early regulated AI governance approaches
- Advanced GAIN as an enterprise GenAI foundation to accelerate AI prototyping and production pathways, initially supporting AE Brain and reusable GenAI experimentation patterns

Senior Technical Architect

Virtusa

Nov 2021 – July 2022

- Owned technical strategy for SHL's psychometric assessment platform serving Fortune 500 talent evaluation programs
- Identified opportunity for ML-driven intelligent scoring; led proof-of-concept that laid groundwork for next-generation assessment accuracy

ACHIEVEMENTS

- Created F0rty2.ai — agentic engineering platform for healthcare venture delivery
- Took Helix Engage from requirements sign-off to Deepam and Ramaiah hospital pilots within 2 weeks
- Co-led Novartis's first GxP-compliant AI delivery for pharmacovigilance
- Established GAMP 5-aligned IQ/OQ/PQ patterns for regulated AI implementation
- Automated DSUR drafting workflows across Novartis's 250K quarterly document pipeline
- Deployed COSSET across 250+ clinical sites during COVID-19 pandemic
- Led AI/technology due diligence for health-tech ventures including Tenmed and Docpulse

CERTIFICATIONS

Technology Entrepreneurship

University of Colorado Boulder · 2025

NVIDIA Generative AI

NVIDIA · 2025

AWS Certified AI Practitioner

Amazon Web Services · 2025

Google Cloud GenAI Leader

Google Cloud · 2025

LLMOps Specialization

Duke University · 2025

Neural Networks & Deep Learning

Coursera · 2017

Machine Learning

Coursera · 2017

SKILLS

PRODUCT & STRATEGY

AI Strategy, Product Vision, Due Diligence, Startup Evaluation, Stakeholder Management

AI & AGENTIC SYSTEMS

LLMs, Agentic AI, AI Engineering Operating Models, Google ADK, Vercel AI SDK, MCP, NLP, MLOps

COMPLIANCE & REGULATED SYSTEMS

GxP, GAMP 5, CSV, IQ/OQ/PQ, SOPs, Audit Trails, AI Governance

Technical Design Expert

Novartis

Dec 2016 – Nov 2021

- Led DOCZ, a BERT-powered regulatory document platform that generated draft DSURs, automated document compilation, and coordinated review/approval workflows across Novartis's 250K quarterly document pipeline
- Led development of ML-driven patient selection models for Jakavi (polycythemia vera), enabling precision targeting in clinical care
- Launched COSSET, a real-time leadership dashboard monitoring lockdown status across 250+ clinical sites during the COVID-19 pandemic response
- Mentored 25+ AI/ML interns across organizations — 4 advanced to Ivy League graduate programs

EARLY CAREER EXPERIENCE

Senior Programmer Analyst

FIS (Fidelity National Information Services)

2012 – 2016

- Led product development of IBS Tablet — a mobile account origination and KYC solution deployed across global banking institutions
- Designed end-to-end digital workflows for bankers, replacing paper-based processes with secure, high-volume mobile experiences

Technology Analyst / Senior Software Engineer

Infosys & Virtusa

2006 – 2012

- Led platform modernization for enterprise clients (APL, Direct Wines), reducing system downtime by 40% through strategic migration planning
- Architected a visual application builder — drag-and-drop page designer, rules engine, and workflow builder — and optimized the code-generation engine using caching and parallel processing

KEY PROJECTS

F0rty2.ai — AI-Native Health-Tech Platform

Agentic Engineering · Healthcare Platforms · Product Architecture · GenAI

Created F0rty2.ai to solve a practical venture-studio problem: AI-assisted teams were moving fast, but divergent stacks made code review, maintenance, and reuse difficult. The platform defines architecture, domain models, permissions, and AI workflows once, then anchors healthcare products to shared conventions. Used as the foundation for Helix Engage, a patient engagement and call-center CRM now in pilot for Deepam and Ramaiah hospital initiatives.

AE Brain — Pharmacovigilance Decision Support

NLP · Patient Safety · GxP · GAMP 5 · CSV

Novartis's first GxP-compliant AI system for pharmacovigilance, focused on adverse-event and technical-complaint identification across multi-source textual data. Co-led cross-functional CSV and implementation work, helping establish IQ/OQ/PQ validation patterns, auditability, SOPs, monitoring, and early governance practices for regulated AI delivery.

GAIN — Enterprise GenAI Platform

Product Strategy · GenAI · Azure · MLOps

Enterprise GenAI foundation advanced during its establishing phase to accelerate AI prototyping and production pathways. Initially supported AE Brain's evolution and reusable experimentation patterns while broader adoption, governance, and operating models were still being shaped.

Helix Engage — Patient Engagement CRM

Healthcare CRM · AI Agent Assist · Telephony · Hospital Pilots

Patient engagement and call-center CRM built on F0rty2.ai for appointment booking, missed-call management, AI call summaries, agent assist, and campaign/referral tracking. Led architecture, hands-on development, and a lean product-engineering squad from requirements sign-off to Deepam and Ramaiah hospital pilots within 2 weeks.

PLATFORM & CLOUD

AWS, Azure, Google Cloud, Platform Architecture, Multi-tenant Systems

TECHNICAL FLUENCY

Python, React, Swift, Flutter, GraphQL, NestJS, PostgreSQL, Docker

EDUCATION

Master of Computer Applications

Jawaharlal Nehru Technological University
2006

Bachelor of Computer Science

Osmania University
2003