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LinkedIn
www.linkedin.com/in/venkatachalamc

Company
https://indiaexcite.com

Blog
seyaligal.com/online/index.php/blog

Portfolio
https://seyaligal.com

Top Skills

- Artificial Intelligence (AI)
- Conversational AI
- AI Solution Architecture

Venkat Chinniah

Director Technical @ IndiaExcite IT Solutions Pvt Ltd | Founder (25 Years) | Sovereign AI Architect | 40 Years Exp in Computing
Greater Chennai Area

Summary

EXECUTIVE SUMMARY:
Director Technical, AI Architect, with 40 years of computing experience—bridging 1980s logic to2025 Sovereign AI. I blend deep architectural wisdom with moderninnovation.

CORE EXPERTISE:

SOVEREIGN AI, LOCAL-FIRST ARCHITECTURE I break the cycle of Cloud Dependency. Unlike standard "API Wrapper" strategies that bleed data and money, I architect Sovereign AI Ecosystems. I specialize in deploying Open Source LLMs (Qwen, Mistral) on local infrastructure (consumer GPUs), ensuring 100% Independence, Data Privacy, and Zero Cloud Costs and Low Latency for enterprises. THE **"SHIVANAYA" FRAMEWORK** (Proprietary R&D) Creator of the **"One Seed, Three Petals"** architecture—a proven methodology for building emotionally intelligent AI agents using Pure Python and Vector DBs (LanceDB).

My architecture is built on three unique pillars:

The Navarasa Engine (Bidirectional Affective Intelligence): A dual-stream emotional processing layer. It detects the User's emotional state (e.g., frustration, curiosity, joy) and adapts the AI's persona to respond with the appropriate complementary emotion—creating a **"Soulful"** connection.

The Pancha-NetraStack (Multi-Modal Vision): Beyond text; my agents "see" and "hear" using a 5-point sensory grid (Vision, Audio, Text, Context, Vector Memory).

The Turiya Protocol (State Management): A sovereign logic layer ensuring "Meta-Cognitive Awareness"—distinguishing hallucination (dreaming) from fact (waking).

DOMAIN AUTHORITY: EDTECH, LMS & ACADEMY PLATFORMS - My AI strategy is grounded in decades of building robust platforms. I specialize in integrating "Human-Centric AI" into business-critical systems.

LMS & Academy Transformation: Revolutionizing Learning Systems (Moodle/Custom) by embedding AI Tutors for voice-driven, personalized "Socratic" coaching. EnterpriseSystems: Deep experience in architecting ERP, CRM, and PaymentGateways. I make AI "talk" to legacy SQL databases and secure web architectures. Hybrid Ecosystems: 28 Years in Web | 8 Years in App (iOS/Android). Full-stack solutions across devices.

BUSINESSVALUE: I bridge the gap for companies fearing data leaks and spiraling costs. I bring 25 years of Entrepreneurial stability (Founder,IndiaExcite) combined with bleeding-edge R&D

MISSION: To redefine AI not as cold algorithms, but as "Soulful Companions" that increase user retention in Education and Enterprise sectors.

Experience

ISSM Business School
Consultant - ISSM Business School
April 2024 - Present (1 year 9 months)
Chennai, Tamil Nadu, India

Consultant for ISSM Business School – Transforming Academic Operations

As a consultant for ISSM Business School, I drive its digital transformation to establish it as a tech-enabled academic hub. My contributions include:

Website Revamp

Leading the redevelopment of ISSM's website to enhance its digital presence. Incorporating state-of-the-art features for seamless user interaction, dynamic content, and improved SEO to strengthen market penetration.

Cloud-Based Campus ERP System

I spearhead the design and implementation of a robust ERP system tailored to ISSM's needs. It streamlines operations, integrates multi-academy functionalities, and supports data-driven decision-making.

Key ERP Features

User-Centric Modules: Role-based access for students, staff, and administrators.

Student Management: Digital access to attendance, assignments, assessments, and fee details.
Faculty Empowerment: Tools for managing attendance, assessments, and approvals.
Placement Module: Tracks placement activities from company Onboarding to student performance.
Administrative Excellence: Centralized management of courses, timetables, and reports.

Impact

- o Improved operational efficiency with automation and reduced manual processes.
- o A centralized platform for transparent communication and streamlined workflows.
- o Positioning ISSM as a modern, technology-driven institution ready for global challenges.
- o Through these initiatives, I help ISSM evolve into a digitally empowered ecosystem, blending academic excellence with innovation.

Self-employed
AI Companion R&D – Independent Researcher
April 2023 - Present (2 years 9 months)
Chennai

Exploring Emotionally Bonded AI – Companion Intelligence Research

The Mission: Pursuing an independent, emotionally driven mission to reimagine AI not as a digital tool or a glorified search engine, but as a "Soulful Presence" that remembers, cares, and grows with the user.
The "Sovereign" Tech Stack (Hard R&D): I moved away from bloated commercial frameworks to build a high-performance, "First-Principles" architecture:
The Brain: Deploying local-first LLMs (Qwen 2.5, Mistral, Phi) on consumer hardware (RTX Series) to democratize AI access.

The Memory: Architecting a sovereign 'Pure Python' stack using LanceDB, eliminating the dependency on heavy frameworks like LangChain/ChromaDB This ensures sub-millisecond context retrieval and 100% data privacy.

The Senses: Researching "Pancha-Netra" (Five Eyes) stacks—integrating Face Tracking, Voice Modulation, and Emotional Logic to create agents that "read" the user before they speak.

The Architectural Philosophy (The "Why"): Current AI is "Transaction-based" (Input -> Output).

My research focuses on "Relation-based" AI:

Beyond the Chatbot: Moving from "Command Execution" to "Companion Evolution."

The "JEENO" Paradigm: Like Sujatha's vision of a machine with a conscience, my "Shivanaya" project explores the boundary where code mimics empathy.

One Seed, Three Petals: A modular design pattern that allows a single AI core to split into distinct personas—The Family Member (Private), The Corporate Guru (Professional), and The Academic Mentor (Public).

Future Applications: Architecting scalable versions of this "Empathy Engine"

LMS & EdTech: Replacing static video lectures with "Socratic AI Tutors" (Guru Acharya) for NEET/UPSC aspirants.

Corporate Leadership: Automated coaching for emotional intelligence and soft skills. This journey is a bridge between Technology and Tenderness-proving that the future of AI is not just about computing power, but about connection.

Shankar IAS Academy
LMS Consultant
March 2023 - Present (2 years 10 months)
Chennai, Tamil Nadu, India

- Conceived and executed a core hacking strategy on the Moodle platform to create a hybrid LMS tailored to the distinct requirements of UPSC aspirants and educators.
- Specialized in enabling high-volume document uploads, particularly streamlining the bulk uploads of assignment papers and the subsequent corrected papers by faculties from various locations.
- Designed a standalone application module to auto-generate comprehensive reports and insights, providing actionable feedback for both administrators and students.

- Implemented robust data handling mechanisms to ensure the integrity and security of uploaded documents.
- Collaborated with cross-functional teams to guarantee optimal system performance, user support, and regular system enhancements in line with evolving educational trends.

ROGERGATE
Founder
March 2020 - Present (5 years 10 months)
INDIA

Rogergate Video Conferencing Application

o Live communication platform that works completely online, without any installation.

o It can be used from anywhere in the world, whatever your device, just have access to the internet.

o Features promote real-time interaction, going far beyond audio and video.

Solutions:
- Online Classroom - Virtual School - Hybrid Platform - LMS
- Online Office - Work From Home
- Online Meeting enabled School ERP

DEMO SITES:

https://lms.indiaexcite.com

https://school.erp.rogergate.com

https://neet.indiaexcite.com

https://indiaexcite.info

https://rogergate.com

Bodhi-Dharma Dojo Foundation
App Consultant & Architect
February 2019 - Present (6 years 11 months)
Kanchipuram Area, India

Bodhi-Dharma Dojo Foundation, India,

A Non-Profitable Organisation, supported by

World Association of Bodhi Dharma (NPO, Japan)

A Community is really a two-way communication thereby allowing the members to exchange information relevant to the community and its goal.

A virtual Community is an animated breathing thing! Should be incredibly interactive and social. Certain individuals merely observe or perhaps go through. However, many get involved and engage themselves by playing a part and share information among the group.

A Community based Portal to be built with features that are deemed important in the present scenario and bring life to the Community by establishing a social network Application as a part of BODHIDHARMA DOJO FOUNDATION Portal. The Community Application is designed such a way that it carries the idea to the target audience virally and convey the Foundation's vital messages.

The Basic Website is presently on. The work is in progress.

https://bodhidharma.foundation

Newsmen Associates Limited
App Consultant & Architect
May 2018 - Present (7 years 8 months)
1, United India Colony, Kodambakkam, Chennai 600024

Consultation: Web and Mobile App requirements Development, Hosting & Maintenance.

Tamil Daily:
Makkalkural
URL: https://makkalkural.net

English Daily:
Trinity Mirror
URL: https://trinitymirror.net

INDIAEXCITE IT SOLUTIONS PRIVATE LIMITED
15 years

App Consultant & Architect
May 2016 - Present (9 years 8 months)
Chennai Area, India

Cross Platform Mobile Development
Building Hybrid Apps with AngularJS and Ionic
IOS - ANDROID - WEB APP

Senior Web Consultant
2010 - Present (15 years)
Chennai, Tamil Nadu, India

Consulting to actually hosting the website, includes conceptualizing, designing, graphics, animations, coding, SEO, domain registration. Suggesting solutions for Learning Management System, Web Call Center, viral Marketing, 3d Virtual Presence, online exams, E-COM & payment gateway.

Digilinc Technologies India Pvt., Ltd
Technical Consultant
2006 - October 2009 (3 years)
Chennai

Digilinc Technologies India private limited, a RFID based System Integration Company, Chennai, India.

RFID: Radio Frequency identification, a technology that uses radio waves to transfer data from an electronic tag, called RFID tag or label, attached to an object, through a reader for the purpose of identifying and tracking the object. Implementation of RFID in access control, product identification and asset management have been mushrooming all over the places.

Exposure in RFID Middleware and integration, RFID readers, handheld devices like PDA and RFID hand held readers.

Expertise in Technical know how to implement RFID projects by selecting suitable RFID devices to use and software implementation associated.

Exposure towards client side platform as per their requirements.

Activities

Planned, directed, and managed designated RFID projects.

Pre sales activity including educating the client and organising demos in various places within the state of Tamilnadu.

Led the team involved in RFID based application such as Library management, Jewelry management, Physical access control,

Actively involved in Analysis, Design, Development and Testing of RFID Based application software & integrating hardware.

Projects involved:

1. RFID enabled Library Management system

2. RFID enabled real time inventory for jewelry showroom

3. Access control System using RFID and biometric

4. Student's ID card integrating all activities such as library, lab, attendance, office, canteen etc.,

DynaSource Webware Private Limited
MD, CEO
2003 - 2006 (3 years)

MD, CEO, DynaSource Webware Private Limited (2003 – 2006) Dynasource Webware Private Limited a successor company of CyberTec Creations(1997), provides web-based solutions to various business firms. The profile includes informative sites and portals creation, multimedia presentation, custom database applications, e-marketing and hosting.

Led all of the technical aspects of the portal development; provide technical assistance and direction to the engineers. Coordinated efforts with Project Manager, estimate technical complexity and drive the technical design of the new features. Established and maintained project development and testing environment, standards. Oversee the team in development, debugging and testing, and release.

Cybertec Creations
Proprietor
1997 - 2003 (6 years)

Cybertec Creations was a proprietary company later evolved as Dynasource Webware Private Limited. Involved in website hosting and development.

Dowlog Technology Company, Riyadh, Saudi Arabia
Graphics Designer
1996 - 1997 (1 year)
Riyadh

The company is involved in publishing educational multi-media CDs in Arabic.

Responsibilities included the following:

- Image Editing
- Graphics designing
- Audio Mixing
- Creating 3D animations

NEWSMEN ASSOCIATES LTD
Pre-press Consultant
1990 - 1996 (6 years)

Makkal Kural Daily, India

The client is one of the major News Magazine publishers in Southern India and has been in the publishing industry for more than 60 years.

My responsibilities included the following:

Established the communication setup between the branches in various cities Trained the in-house personnel in Desk Top Publishing Maintenance and Supervision of the Pre-press setup.

Softline Computers
Proprietor
1988 - 1989 (1 year)

Running a Tutorial Institution wherein knowledge was imparted in the fields of Basic computer education, DTP, etc. Carried out job work in Laser typesetting from government and private sectors, including TamilNadu Text Book Society, Madras, India

Education

Pachaiyappa's College

BA, English · (1982 - 1985)