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<https://indiaexcite.com>

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seyaligal.com/online/index.php/blog

Portfolio

<https://seyaligal.com>

Top Skills

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



Venkat Chinniah

Co-Founder & Director Technical @ IndiaExcite Pvt Ltd | Founder, IndiaExcite (Est. 2000) | Sovereign AI Architect | 40 Years Exp. Greater Chennai Area

Summary

EXECUTIVE SUMMARY:

Director Technical & AI Architect with 40 years of computing experience—bridging 1980s logic to 2025 Sovereign AI. I blend deep architectural wisdom with modern innovation.

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, 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 and adapts the AI's persona to respond with the appropriate complementary emotion—creating a "Soulful" connection.

The Pancha-Netra Stack (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. **Enterprise Systems:** Deep experience in architecting ERP, CRM, and Payment Gateways. 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.

BUSINESS VALUE: 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

- Improved operational efficiency with automation and reduced manual processes.
- A centralized platform for transparent communication and streamlined workflows.
- Positioning ISSM as a modern, technology-driven institution ready for global challenges.
- 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.

IndiaExcite IT Solutions Pvt. Ltd.

Co-Founder & Director Technical

March 2022 - Present (3 years 10 months)

Chennai

Leading corporate strategy, Board Governance, and Sovereign AI Architecture. Transitioned the company from a legacy consultancy to a DeepTech AI firm.

Key Focus:

- Overseeing R&D for the "Shivanaya" Sovereign AI Framework.
- Establishing "Local-First" AI infrastructure for Education and Enterprise sectors.

ROGERGATE

Founder

March 2020 - Present (5 years 10 months)

INDIA

Rogergate Video Conferencing Application

- Live communication platform that works completely online, without any installation.
- It can be used from anywhere in the world, whatever your device, just have access to the internet.
- 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>

NGO SITES WE DEVELOPED:

<https://kinshipcare.in>

<https://balamandirusa.org>

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 (The Brand/Proprietorship)

Founder & Principal Architect

May 2016 - Present (9 years 8 months)

Chennai Area, India

Hybrid Ecosystem & AI-Native Interfaces (Architect)

Principal Architect for high-performance cross-platform ecosystems using Ionic & Angular. Over the last 9 years, I have evolved this stack from standard Hybrid Apps into "Intelligent Containers" for Sovereign AI.

Unified Architecture: Single-source codebase deploying simultaneously to iOS, Android, and Web.

The "Navarasa" UI Layer (Current R&D):

Integrating Adaptive User Interfaces that change dynamically based on the AI's emotional analysis.

Edge-AI Deployment: Optimizing mobile shells to communicate securely with local-hosted LLMs without cloud dependency.

INDIAEXCITE

Founder & Principal Architect (Legacy Operations)
2000 - Present (25 years)
Chennai

25 Years of Digital Stewardship (The Proprietorship)

Establishing and maintaining the digital backbone for major institutions since 2000. A debt-free, profit-generating independent firm that funds our current AI R&D.

The "Guardian" Client Portfolio:

ISSM Business School (Current): End-to-End Technology Partner. Delivering full-stack solutions including Cloud Hosting, Website Architecture, and Custom ERP deployment.

Makkal Kural (Legacy Partner): Acting as the digital custodian for this major Tamil Daily since the "Pre-Press" era (1992) to their modern Web & Email infrastructure.

Shankar IAS Academy (Milestone 2023-2025): Successfully architected and deployed their Hybrid LMS system for UPSC aspirants.

Shankar IAS Academy

LMS Consultant
March 2023 - March 2025 (2 years 1 month)
Chennai

- 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.

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)