

EDUCATION

IIT, BANGALORE

MS BY RESEARCH

Aug 2025 - Present | Bangalore, IN

Cum. GPA: 3.28 / 4

XIM UNIVERSITY

BTECH IN COMPUTER SCIENCE

Jul 2021 - Jul 2025 | Bhubaneswar, IN

Cum. GPA: 8.34 / 10.0

LINKS

Github:// [c-viswanath](#)

LinkedIn:// [C. Viswanath](#)

Instagram:// [vishwanaaathh](#)

Twitter:// [@vishwacodes](#)

COURSEWORK

POSTGRADUATE (M.S.)

Advanced Natural Language Processing

Generative AI and Large Language Models

Agentic AI and Tool-Augmented LLMs

Mathematics for Machine Learning

SKILLS

TECHNICAL

AI & ML: NLP, Generative AI, LLMs, RAG, Multimodal Models, Agentic Systems

Frameworks: PyTorch, TensorFlow, Hugging Face, LangChain, OpenCV

Data & Analytics: Pandas, NumPy, SQL, BigQuery, Power BI

Cloud & MLOps: GCP (Cloud Run, Firebase, IAM), Docker, Git

Languages: Python

CERTIFICATIONS

IBM Data Science Certification

Power BI Certification by Microsoft

LangChain for LLM App Development

LEADERSHIP

PLACEMENT COORDINATOR

XIM UNIVERSITY

- Coordinated end-to-end campus placement drives, liaising between recruiters and students to streamline scheduling, shortlisting, and offer management.

FOUNDING MEMBER

ROBOGENIX | IoT & ROBOTICS CLUB

- Co-founded the university's IoT and Robotics club, organizing workshops, hackathons, and hands-on project sessions to build a technical community from the ground up.

INTERNSHIP EXPERIENCE

PREDII INDIA PVT. LTD. | LLM RESEARCH ENGINEER INTERN

June 2026 - Present | Remote (Pune, IN)

- Building vision-LLM extraction pipelines and retrieval systems for large-scale, domain-specific document datasets.

SPIKEWELL INDIA PVT. LTD. | SOFTWARE DEVELOPMENT INTERN

Dec 2024 - Jul 2025 | Bhubaneswar, IN

- Built healthcare data pipelines using Gemini 1.5 Pro for medical-grade conversational systems.
- Developed data ingestion workflows for downstream analytics and ML tasks.

NAVIER MACHINES PVT. LTD. | ML ENGINEERING INTERN

May 2024 - Jul 2024 | Remote (Hyderabad, IN)

- Designed a RAG pipeline using Llama-3 and GPT-4 for structured conversational workflows.
- Built APIs using FastAPI and LangServe, improving frontend response integration.

PROJECTS

JANMITRA | VOICE-FIRST AGENTIC AI

PYTHON, FASTAPI, LANGGRAPH, CLAUDE SONNET, POSTGRESQL, DOCKER, GKE

- Multilingual agentic AI platform enabling citizens to file grievances and access schemes via voice calls in Odia, Santali, or Hindi.
- Built 12-microservice LangGraph orchestrator with 92% eval pass rate, DEPA-style consent gate, PII encryption, and audit trail on GKE.
- Orchestrated stateful conversations using LangGraph, handling user interruptions, context switches, and database-backed scheme validation in real-time.

FULL STACK HEALTH QA SYSTEM

PRODUCT FOR CAREXA INC.

- Health QA system using Gemini API, Cloud Run, Firebase, and BigQuery for medical question answering and clinical analytics.
- Integrated EHR/EMR devices via REST and FHIR pipelines for real-time data ingestion on GCP.
- Developed HIPAA-compliant data storage schemas in BigQuery and Firebase with field-level encryption for sensitive EHR records.

RESEARCH WORK

MECHANISTIC EVALUATION OF LLMS IN CROSS-CULTURAL SCENARIOS

ONGOING RESEARCH PROJECT

- Characterized **cultural forgetting** in LLMs across 6 models, 30 cultures, 11 domains spanning 85K+ dialogues.
- Introduced **Cultural Stability Index (CSI)** via linear probing; found mean CSI = 0.31 with low-resource cultures showing lower stability.

CROSS-CULTURAL ALIGNMENT EVALUATION FRAMEWORK

ONGOING RESEARCH PROJECT

- Curating a multilingual cross-cultural dataset to study linguistic and contextual variation for LLM evaluation.

PRINCIPLE ALIGNMENT IN LARGE LANGUAGE MODELS

ONGOING RESEARCH PROJECT

- Investigating principle alignment behaviors and consistency drift in LLMs under varied prompt settings.