



Laxmi Narayen Nagarajan Venkatesan

AI Professional and Researcher

I provide real-time, scalable ML research solutions—engineered for adoption, measured for impact, and proven to save thousands in expense.

✉ nvlnarayen@gmail.com

☎ +919543853644

📍 Bengaluru, India

🐙 github.com/Laxminarayan

EDUCATION

Master of Science by Research

International Institute of Information Technology Bangalore

01/2023 - 01/2026

Bangalore / CGPA - 4.0/4.0

Electronics and Communication Engineering

Anna University

08/2014 - 06/2018

WORK EXPERIENCE (2018 - PRESENT)

Research Associate

IIIT Bangalore / Openstream.ai

10/2021 - Present

Bangalore

Achievements/Tasks

- Developed few-shot learning frameworks for generating realistic avatar behaviours, gestures and expression signals both for 2D and 3D virtual avatars.
- Implemented virtual realisers and graphics pipelines utilizing Blender and Unreal Engine's MetaHuman for avatar mesh rigging and motion weight management.
- As a Research Associate at IIIT-Bangalore with Openstream.ai, I worked on company-driven multimodal AI projects, now forming the foundation of my thesis.

Data Scientist

Logitech Engineering & Designs India Private Limited

03/2019 - 10/2021

Chennai

Achievements/Tasks

- CCC - Cash Conversion Cycle - Forecasted the transaction level cash to be collected from customers, which helped the treasury team understand the exact pattern of customer payments.
- PIE - Product Identification Engine - Built an NLP engine that cleans the dirty POS (Point Of Sales) data, which helped Logitech to reduce its dependency and expenditure on 3rd party clients.
- VOC - Voice Of Customers - Analysed the User Generated Data like customer reviews and ratings, user questions, and answers (from various platforms like Amazon and Best buy) to derive insights from them.

AI Research and Analytics Intern

RR Donnelly

12/2018 - 03/2019

Achievements/Tasks

- Directly under the AVP of Research & Development to find effective solutions for existing business problems like dirty document denoising and credit risk analysis.

SOFTWARE EXPOSURE

Python

R

Tableau

Hadoop & its Ecosystem

Flask

Django

AWS

Tensorflow

Keras

C++

langchain

Blender

SQL

PySpark

ARTICLES & PUBLICATIONS

Multimodal Embodied Conversational Agents: A discussion of architectures, frameworks and modules for commercial applications

- Doi: [10.1109/AIVR56993.2022.00013](https://doi.org/10.1109/AIVR56993.2022.00013)

Published research on bias in LLM-based hiring (AIES 2025) – relevant to enterprise ethics in AI adoption

- Accepted in AIES 2025 (yet to be presented)

"Machine Learning in 25 Days" (08/2019)

- Published an article in LinkedIn suggesting day to day schedules to be followed to master Machine Learning in 25 days

OFFICIAL MILESTONES

Presented Multimodal AI workshop at AMLD - EPFL 2024

The goal of this workshop was to introduce multimodal machine learning for human-centric AI applications, <https://github.com/Laxminarayan/AMLD-24>

2 X Business Excellence Award Q2FY20, Q4FY20 (2019)

Selected as the best project creating an impact on the business side among many other projects in Logitech

2 X Sweet Spot Award

Sweet Spot is an award that allows managers to reward employees for highly impactful recognitions that exhibit extraordinary contributions.

PERSONAL MILESTONES

2nd place OBL Hackathon - Skillenza (11/2019)

Secured 2nd position among other hundreds of teams that participated for this hackathon.

Innoplex Hackathon - Analytics Vidhya [ML/DL] (07/2019)

Secured 25th (top 1%) among 3260 professionals

Bring Your Own Bot (12/2018)

Bragged the RRD internship as a part of developing this hackathon.

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency