

Vishnu Sundhan

vs3164@nyu.edu | (551)-362-6597 | [Linkedin](#) | [Github](#) | [Kaggle](#) | [Devpost](#)

EDUCATION

New York University

M.S. in Computer Science | CGPA: 3.55

New York, USA

May 2026

- **Related Coursework:** Computer Networks, Data Structures and Algorithms, Machine Learning, Big Data.

Rajalakshmi Engineering College, Anna University

B.E. in Computer Science and Engineering | CGPA: 8.94

Chennai, India

Nov 2020 - May 2024

- **Related Coursework:** Operating Systems, Data Science and statistics, Artificial Intelligence, Statistics.

EXPERIENCE

Populus Empowerment Network

Python Data Intern

Chennai, India

Jan 2024 – June 2024

- Headed the analysis and processing of 6 Million electoral datasets for the 2024 Indian elections, utilizing data scraping technologies like BeautifulSoup and Selenium achieving over 95% data accuracy using OpenCV, Pandas, and NumPy.
- Developed and deployed a Convolutional Neural Network (CNN) for image classification and manipulation, which improved the quality and granularity of election data insights and data-driven decision-making.
- Automated the extraction and analysis of data from scanned documents using Tesseract OCR, Amazon Textract API, Google OCR API and optimized processing workflows, significantly reducing data extraction errors for over 6 million voter records.

Rajalakshmi Engineering College

AI Research Assistant

Chennai, India

Oct 2023 - Jan 2024

- Collaborated with a professor to develop the research paper "Neuroimaging Analysis for Early Diagnosis of ADNI Progression with EfficientNet" ([Link](#)), to detect Alzheimer with 99.06% accuracy with hyperparameter tuning.
- Worked on a Journal Paper and Co-authored the research paper ([Link](#)) "Enhancing Online Learning with Automated Emotion Identification using Facial Expressions," employing transfer learning models to analyze facial characteristics and emotions.

Logicfield Technology Solutions pvt ltd

Data Analyst Intern

Chennai, India

June 2023 – Aug 2023

- Designed and implemented machine learning models for risk assessment for 3 disasters in the insurance industry, focusing on geospatial analysis and catastrophic event prediction enabling accurate risk profiling for companies.
- Integrated advanced predictive algorithms using Tensorflow js, Scikit-learn, keras with Node Js application to minimize financial risk exposure, visualize it with PowerBI, delivering key insights that informed executive decision making.

PROJECTS

InqubeAI ([Link](#))

Team Lead | Skills: Python, Streamlit, IBM Granite

New York, USA

Feb 2025

- AI Agent which analyzes competitors by combining web scraping, YouTube analysis. It extracts product/service data, processes transcripts and comments for sentiment analysis, and visualizes insights using bar graphs and pie charts.

CrunchTube AI ([Link](#))

Personal Project | Skills: Flask, Google Gemini, Reactjs, Mermaidjs

New York, USA

Feb 2025

- Developed an AI-powered platform that enhances learning from educational videos. Features include video summarization, cheat sheet generation, text-to-speech conversion, comment analysis, visual extraction, and AI-generated Q&A. Utilized YouTube processing, Google Generative AI, and NLP for intelligent insights.

ProjectHub

Personal Project | Skills: Nodejs, Gemini API, Postgresql, Amazon S3, Tailwind CSS

Chennai, India

Jan 2025

- ProjectHub AI is Node.js-based website enabling students to post projects, find teammates, and collaborate. Utilized PostgreSQL for database management and experimented with Amazon S3 for efficient data storage. Integrated AI to extract skills from resumes and intelligently match users to projects.

COMPETITIONS

AmberHacks Hackathon Winner ([Leaderboard](#))

Built a Flask-powered web app (Poseidon's AI) leveraging Gemini Vision AI, Google Maps API, and Pexels API to provide visual species locations, rich media, and detailed marine life insights.

Jan 2025

Biomimicry Hackathon Winner ([Leaderboard](#))

Created an AI Application to generate Biomimicry ideas with 3D Models which are inspired from animal characteristics.

Feb 2025

SKILLS

Programming Languages: Python, R, Javascript, SQL, AQL, Java

Frameworks & Libraries: TensorFlow, PyTorch, Nextjs, MongoDB, D3js, Docker, Crew AI, LangGraph, ArangoDB, Gradio

Tools & Technologies: Hadoop, Git, AWS S3, DynamoDB, AWS Sagemaker, PowerBI, Microsoft Excel, Spark, HTML/CSS, Ollama