

# Arya Teja Rudraraju

## MS.MBA, AI Consultant

Innovative AI Consultant and Engineer with expertise in delivering custom AI solutions that drive sustainable business practices. Skilled in developing data-driven strategies that optimize operations, reduce costs, and enhance decision-making across industries such as education and aquaculture.

### Education & Learning

#### MBA w/ M.S Analytics and Information Management

Duquesne University, Pittsburgh

Aug 2022 – May 2025

Grade: 3.75/4 CGPA

#### Bachelors of Business Administration

University of Petroleum and Energy Studies

July 2019 – May 2022

Grade: 7.7/10 CGPA

### Contacts

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in [linkedin.com/in/arya-teja-rudraraju/](https://www.linkedin.com/in/arya-teja-rudraraju/)

📍 Pittsburgh, PA

### Professional Skills

- AI Strategy Development
- Data Analysis & Interpretation
- Technical Leadership
- Client-Facing Consulting
- Sustainability in AI

### Technical Skills

- Programming Languages: Python, Javascript
- AI Frameworks: LangChain, Semantic kernel
- Cloud Platforms: GCP, Azure
- Data Engineering: ML FLOW, Airflow
- DevOps Tools: Docker
- Web Dev: HTML,CSS, React, NextJS, NodeJS, FAST API, Vercel, Supabase
- Database: PostGreSQL, MongoDB, Neo4j
- UI/UX: Figma, Adobe creative cloud

### Tools

Notion, Figma, Adobe Creative cloud, VS Code

Datagrip(Jetbrains), Zapier, LM Studio, LangSmith

Huggingface, GitHub, Cursor, v0

## AI Consultant, Hexagon Technology

### Startup, Aug 2024 – Present

- Led process automation for an insurance client, streamlining customer interactions by implementing AI-driven workflows that improved response times and reduced operational costs.
- Developing an ERP and franchising system for a roofing client, consulting on architecture design and integration, which optimized project management and resource allocation for scalable growth.
- Collaborated with cross-functional teams on various AI projects, utilizing machine learning models and data analysis techniques to solve complex business challenges, driving innovation and improving client outcomes.

## Director of AI Marketing, iSpeak AI

### Startup, July 2023 – Jan 2024

- Curated end-to-end social media automation strategies, leading the integration of Flowise with large language models (LLMs), enhancing content creation across text, image, audio, and video formats, which increased engagement by 50%.
- Developed and designed advanced websites for clients using NextJS, automating key functionalities that improved service efficiency and elevated user experience by 35%.
- Led advanced AI marketing campaigns, utilizing data-driven analytics to optimize performance, which increased customer insights and improved campaign effectiveness by 30%.
- Boosted iSpeak AI's market visibility as an AI automation service provider, improving client engagement and increasing lead generation by 40%.

## Graduate Assistant, Duquesne University

### Researcher Aug 2022 – Present

- Collaborated with an Information Systems professor to co-author a research paper exploring executive perspectives on AI adoption, contributing insights into leadership decision-making in AI transformations.
- Assisted a marketing professor in publishing her book, providing research, content creation, and editorial support to streamline the publishing process.
- Managed social media strategy for the international admissions department, increasing viewership by 200% over four months through targeted content creation and analytics-driven engagement strategies.

## Projects

### Think OS

Think OS is an innovative concept inspired by Andrej Karpathy's vision of a Large Language Model Operating System (LLMOS). It integrates agents, tools, and memory into a unified AI system powered by one or multiple LLMs. Currently in development, the project aims to enhance AI-driven automation and user interaction.

### Tech4Aqua

Developed a computer vision-based shrimp counting system for shrimp farmers in India, leveraging traditional computer vision techniques to provide an affordable and energy-efficient solution. This reduced counting errors by 90% and eliminated the need for manual labor, improving operational efficiency for farmers.

### University Buddy AI

Designed and developed a Canvas-based LLM chatbot that reads student data and answers questions related to academic performance, assignments, and schedules. The chatbot leverages AI to improve student engagement and provide tailored support for their academic needs.