

# JEYA KARUPPASAMY

Python Developer | AI/ML Specialist |

**LinkedIn:** <https://www.linkedin.com/in/jeya-karuppasamy-7674ba2b3/>

**GitHub:** <https://github.com/Jeyakaruppasamy>

## OBJECTIVE

Seeking challenging opportunities in AI/ML development and technology solutions where I can leverage my expertise in Python development, voice AI integration, and automation systems to drive innovation and business growth in the IT industry.

## EXPERIENCE

**Python Developer | AI/ML Specialist**

Kite Career, Surandai, Tenkasi | **Mar 2025 – Present**

- **AI Voice Agent for Restaurant** Ordering – Built a voice-enabled ordering system integrated with POS (Clover & Square) using FastAPI & MongoDB, automating pricing, payments, and inventory.
- **Digital Marketing Automation** – Developed an AI-driven marketing platform with automated campaigns (FB, Instagram, Twitter, WhatsApp) and AI image generation for content.
- Delivered scalable backend APIs and automation workflows, streamlined restaurant operations, and boosted efficiency.

## SKILLS

- **Programming & Frameworks:** Python (Advanced), FastAPI, SQL, Pandas, NumPy
- **AI/ML & Automation:** Scikit-learn, TensorFlow, Stable Diffusion, Vapi (Voice AI), Make.com, Pillow
- **Databases & APIs:** MongoDB, MySQL, REST APIs, Twilio, Social Media APIs (FB, Instagram, WhatsApp, Twitter)
- **Development Tools:** Git, Bolt platform, Matplotlib
- **Domain Expertise:** AI-powered automation, Voice AI systems, Digital marketing automation, Bioinformatics

## CONTACT

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**Location:** Tenkasi, Tamil Nadu

## ABOUT ME

I am passionate about applying AI to solve practical business challenges — from streamlining restaurant operations with voice AI to automating digital marketing with AI-generated content. My goal is to continuously innovate, learn emerging technologies, and contribute to organizations that embrace cutting-edge AI solutions.

## EDUCATION

### Education

- **Python with AI/ML Course** – Kite Career, Surandai (2025)
- **M.Phil in Bioinformatics** – Avinashilingam Deemed University, Coimbatore (2010–2012)
  - Research: Comparative study of dihydrofolate reductase in halophiles; developed web-based protein analysis tool.
- **M.Sc. in Bioinformatics** – ANJA College, Sivakasi (2008–2010)
  - Project: Built **Pharma compound informatics drug database** (PHP/MySQL).
- **B.Sc. in Botany** – V.V.V College, Virudhunagar (2005–2008)

