# Tadisetty Sai Yashwanth

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github.com/theyashwanthsai

## Education

**PES University**, Btech in Computer Science and Engineering                                      09/2021 – 05/2025
- GPA: 8.43/10.0
- **Teaching Assistant - Intro to Generative AI**: Collaborated with faculty to enhance course materials, lectures, assignments, and assessments by integrating student feedback and aligning content with recent advancements in generative AI.

## Experience

**Founding AI Engineer**, Vuhosi – UK, Remote                                                     Aug 2024 – present
Leading AI initiatives to build the main product: copilot for investors and startup founders. Designed and deployed core agentic RAG systems using CrewAI. Spearheading the development of production-grade AI agents powering the product.

**AI Dev**, Plotweaver                                                                            Apr 2025 – June 2025
Contracted via Vuhosi to support rapid prototyping of the MVP product. Collaborated closely with the team to build AI-first features aligned with storytelling workflows.

**AI Dev**, Carbonnote                                                                            Dec 2024 – Feb 2025
Contracted via Vuhosi to help finalize and ship GreenIQ, an AI-driven sustainability analytics tool. Contributed to both product development and co-authored a research paper on its technical foundation.

**Summer Intern**, Composio – Bengaluru, In                                                       May 2024 – July 2024
Worked in DevRel to build and showcase AI products using Composio. Created 15+ guides, a custom OpenAI GPT, and multiple projects featured in documentation and social media, contributing to repo growth from 50 to 2K stars.

**Dev Intern**, VertexCover – Remote                                                              Dec 2023 – Jan 2024
Collaborated on GateGPT, an open-source third-party auth system for custom GPTs, integrating FastAPI, Pydantic, and Google OAuth to enhance security and UX.

## Research and Book Publications

**Book:** Multi Agent Systems in Action - Co Authoring                                            Ongoing
Under Manning Publications. Writing this book with the founder of vuhosi.

**Paper:** GreenIQ: A Deep Search Platform for Comprehensive Carbon Market Analysis and Automated          (link)
Report Generation
Accepted and Presented at the 10th ICMLT 25

**Paper:** Real Time Child Abduction And Detection System                                         Accepted
Accepted and Presented at the 16th ICRET.

**Paper:** Advancing Cricket Narratives: AI-Enhanced Advanced Journaling in the IPL Using Language          (link)
Models
Accepted and Presented at the 10th IEEE CONECCT 24.

## Projects

**Newsletter Agents**                                                                             Python
Built a multi-agent system to scrape Hacker News daily, filter AI-related content, extract in-depth information from linked sources, and auto-generate a newsletter sent via Brevo. Fully automated with GitHub Workflows. (Newsletter Page)

**Zenscript**                                                                                     Python
Wrote a programming language in python, to understand more about interpreters, and compilers. (Github)

**Devyan (240+ stars on Github)**                                                                 Python, Crewai
Built a multi-agent system that automates software development from a single prompt, with agents acting as architect, programmer, tester, and QA. Streamlining workflows and reducing development time. (Github) (Tweet) (Video)

**OS-2**                                                                                          C, Assembly
Building (work in progress) a simple 32 bit OS in C and a little bit of assembly. This is a hobby project, the main motivation being learning and building something outside of my comfort zone. I am also documenting the process. (Github) Devlog

**MREB**                                                                                          Python, Ollama
Created an open-source benchmark to evaluate small LLMs running locally via Ollama across 4 categories: logic, coding, ethics, and

multimodal. Featuring 100+ tasks, automated scoring, visualizations, and a leaderboard. (Github) (Blog) (Video)

## Achievements & Notable Work

### Public Speaking

Delivered two technical talks at Microsoft Reactor on building and deploying AI agents, engaging a diverse developer audience.

### Technical Writing & Knowledge Sharing

Authored multiple technical essays on AI agents on X, reaching 300K+ impressions and sparking insightful community discussions. View Essays

Conducted workshops for school students to educate them about Hackathons and AI. Link

### Academic & Community Engagement

- Recieved MRD and DAC scholarships at PES University
- Won Best Capstone Project Award in Panel 6 at Capstone Project Mela by Department of CSE, PES University. Link
- Mentor at HackerSpace (HSP), nurturing top tech talent at PES University.
- Member of ACM PESU ECC; volunteered at multiple hackathons and technical events. Team Lead at AIEP 2022
- Core member of PES Animal Welfare Club, leading dog care and feeding initiatives on campus.

### Hackathons

- Judge, OPQtech Summer AI Hackathon 2025
- Mentor, ACM Hacknight 2023
- 3rd Place, Kalpana – Hack for Humanity 2024. Link
- 3rd Place, MLH Global Hack Week May 2023. Link

## Leadership

**Founder**, Turi Labs                                                                                          Started Nov 2024

Founded a semi-real, indie AI research lab exploring creative agentic systems and open-source tooling with a small team of part-time researchers. Key initiatives include:

- Developed an in-house agentic framework using OpenAI's Assistants API to streamline multi-agent coordination and execution.
- Built an automated reel generation pipeline powered by agent-based workflows for generating daily gore/history fact reels.
- Created **Newsletter Agents**, a system that scrapes, filters, and summarizes AI news from Hacker News and other sources, sends daily newsletters via Brevo, and stores structured insights in a persistent knowledge base.
- Designed and deployed an **MCP (Multi-Agent Collaboration Protocol)** server to manage interactions between agents, LLMs, and the knowledgebase, enabling modular plug-and-play agent design.
- Built a quirky benchmark inspired by a Pokémon league. Each LLM acts as a "trainer" competing to win the title "Pokemon Master".