

Tadisetty Sai Yashwanth

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Education

PES University, Btech in Computer Science and Engineering 09/2021 – 05/2025
• GPA: 8.35/10.0
• **Coursework:** Computer Architecture, Artificial Intelligence, Computational Theory, Operating System, Computer Networks, Compiler Design, Cloud Computing, Database Management Systems

Experience

AI Research Engineer, Vuhosi – UK, Remote Aug 2024 – present
• Lead AI initiatives at Vuhosi, focusing on the development and deployment of production-grade AI agents.
• Developed an internal multi-agent framework Atlas - A simple abstraction layer on top of openai assistants api, addressing scalability and reliability challenges in production environments.
• Joined as a freelance developer and quickly transitioned into the founding team, now serving as the Lead AI Engineer

Teaching Assistant - Intro to Generative AI, PES University, Bengaluru In Jan 2025 till May 2025
• Collaborated with faculty to design and enhance course materials, including lecture content, assignments, and assessments.
• Contributed to course improvement by integrating student feedback and updating educational resources to align with the latest advancements in generative AI.

Summer Intern, Composio – Bengaluru, In May 2024 – July 2024
• Worked in the devrel team at composio. Most of the work was to ideate and build AI products using composio and creating social media posts on them.
• Developed 15+ example guides for the documentation (link).Repo grew from 50 to 2k Stars.
• Built an openai customGPT for Composio docs

Dev Intern, VertexCover – Remote Dec 2023 – Jan 2024
• Collaborated with 3 developers on GateGPT (Open Sources Repo) - a third-party authentication system for custom GPTs
• Incorporated FastAPI, Pydantic, and Google OAuth, improving system security and user experience

Entrepreneurial Ventures

Co-Founder, Turi Labs Started Nov 2024
• Started an Independent, Semi-Real, AI Research Lab with my friend.
• Building a collaborative ecosystem with 4+ researcher engineers. Experimenting some ideas related to foundational models as well as applied AI
• Spearheading multiple research initiatives including large language model development, multi-agent systems, and practical AI applications.
Website: turilabs.tech

Research and Book Publications

Paper: ATLAS: A Customizable Framework for Advanced AI Agent Development with Enhanced Reasoning and Control Ongoing
Developed YAAF (Yet Another Agent Framework), an innovative AI agent framework outperforming existing solutions in speed, reliability, and reasoning depth for specialized intelligent systems

Paper: Devyan: A Multi-Agent AI System for Prompt-Driven Codebase Generation Using Test-Driven Development Ongoing
CodeSynergy is a novel multi-agent AI system that generates comprehensive codebases from natural language prompts, utilizing Test-Driven Development principles.

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

Paper: Real Time Child Abduction And Detection System Accepted
Accepted at 16th INTERNATIONAL CONFERENCE ON RECENT ENGINEERING AND TECHNOLOGY 2025 (ICRET).

Paper: Advancing Cricket Narratives: AI-Enhanced Advanced Journaling in the IPL Using Language Models (link)
Presented at the 10th IEEE CONECCT 07/2024 IISC. Automated pipeline to generate text based highlights of IPL Matches.

Projects

Zenscript

Python

- Developed a minimal programming language from scratch, incorporating Lexer, Parser, Interpreter, and Abstract Syntax Tree (AST). Inspired by Pascal and BASIC. Increased understanding of compiler design principles. (Github)

Devyan - (200+ stars on Github)

Python, Crewai

- Built a Devin clone using a multi agent architecture based software engineering team reducing development time by 30% for programming tasks
- Orchestrated a team of AI agents to generate design doc, code, test doc, and review notes, improving team productivity by 35%. (Github)

Yantra

Python, Crewai

- An AI Agent which builds more AI Agents. A Multi Agent System which is focussed on building AI Agents for any use case. Currently building this in public with my friend. (Github)

Video Editor Agent

Python, Atlas

- An AI Agent which can do basic video editing tasks.
- Tools built using ffmpeg and moviepy. Not yet public, so cannot put the link here :(

Achievements & Notable Work

Public Speaking

- Delivered 2 technical presentations at Microsoft Reactor focusing on AI Agent development practices and implementation strategies, reaching a diverse audience of developers and practitioners

Technical Writing & Knowledge Sharing

- Wrote a lot of technical essays on AI Agents on X platform, achieving over 200,000 impressions and fostering meaningful discussions in the AI community. [View Essays](#)
- Wrote a series “Learning LLM internals by building one from scratch,” breaking down complex concepts into accessible modules for the developer community. [View Series](#)

Academic & Community Engagement

- Active member of prestigious technical societies at PES University:
 - HackerSpace (HSP): Served as mentor, indulged in the community of the best young minds from our college.
 - ACM PESU ECC: Served as a memeber of this club, Volunteering for hackathon events. Served as Team Lead for AIEP 2022
- Core volunteer and member at PES Animal Welfare Club, leading campus animal care initiatives and feeding lovely dogs of our campus.