

Tadisetty Sai Yashwanth

Bengaluru, KA, IN | taddishetty34@gmail.com | +91 7795348927 | [saiyashwanth.vercel.app](#) | [linkedin.com/in/saiyashwanth29](#)
[github.com/theyashwanthsai](#)

Education

PES University , Btech in Computer Science and Engineering	09/2021 – 05/2025
<ul style="list-style-type: none">GPA: 8.35/10.0Coursework: Computer Architecture, Artificial Intelligence, Computational Theory, Operating System, Computer Networks, Compiler Design, Cloud Computing, Database Management Systems	

Experience

Teaching Assistant - Intro to Generative AI , PES University, Bengaluru In	01/2025 – 05/2025
<ul style="list-style-type: none">Collaborated with faculty to develop and improve course materials like lecture contentContributed to course improvement by updating educational materials and implementing feedback	
AI Research Engineer , Vuhosi – UK, Remote	07/2024 – present
<ul style="list-style-type: none">Leading everything AI at Vuhosi. Building and Shipping AI Agents to production.My job is to build reliable Knowledge Agents for Vuhosi. These agents are built using vuhosi’s internal framework - AtlasBuilt an internal multiagent framework to tackle the issues faced in production when using famous agentic frameworks. This is based on the chain of responsibility principle.	
Summer Intern , Composio – Bengaluru, In	05/2024 – 07/2024
<ul style="list-style-type: none">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), helping new users to understand better about ComposioBuilt a custom GPTs for Composio docs	
Dev Intern , VertexCover – Remote	12/2023 – 1/2024
<ul style="list-style-type: none">Collaborated with 3 developers on GateGPT (Open Sources Repo) - a third-party authentication system for custom GPTsIncorporated FastAPI, Pydantic, and Google OAuth, improving system security and user experience	

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
AI in Action: Build and Deploy Multi Agent Systems:	
Paper: Real Time Child Abduction And Detection System	Ongoing
Built a raspberrypi based system to detect and alert authorities whenever a kidnapping scene takes place.	
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
<ul style="list-style-type: none">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 - (180+ stars on Github)	Python, Crewai
<ul style="list-style-type: none">Engineered a Devin clone using a multi agent architecture based software engineering team reducing development time by 30% for programming tasksOrchestrated a team of AI agents to generate design doc, code, test doc, and review notes, improving team productivity by 35%. (Github)	

- An AI Agent which builds more AI Agents. A Multi Agent System which is focussed on building AI Agents for any use case. (Github)

Achievements and Notable Work

- Delivered two technical talks at Microsoft Reactor, sharing my personal learnings on AI Agent development
- Published technical essays and insights on X (Formerly Twitter) platform. One of the post got close to 100k impressions
- Part of some of the best happening clubs at PES University EC Campus - HSP, ACM
- Animal Welfare Club PES: Regular volunteer for campus animal care initiatives.