Vinay Kumar Siddha

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EDUCATION

- **Sri Vasavi Engineering College(SVEC)** — Andhra Pradesh, India
  Bachelor of Technology - Computer Science Engineering with Artificial Intelligence; CGPA:8.95 *Nov 2022 - June 2026*
- **Sasi Junior College** — Andhra Pradesh, India
  Subjects - Maths, Chemistry, Physics Percentage:94.5 *July 2020 - June 2022*
- **Lotus High School** — Andhra Pradesh, India
  CBSE Percentage:83.4 *Mar 2019 - Mar 2020*

SKILLS SUMMARY

- **Programming Languages**: C, Java, Python
- **Technologies**: HTML5, CSS, JavaScript, SQL
- **Frameworks**: Django, Flask, React.js
- **Tools**: Git, Github, MySQL
- **Platforms**: Linux , Web, Windows, MongoDB Compass, AWS
- **Soft Skills**: Leadership, Communication Skills, Time Management, Problem Solving Skills[DSA]
- **Domains**: Data Structures and Algorithms

PROJECTS

- **College Pharmacy Website**:
  - Developed a frontend-only College Pharmacy Website using React.js to showcase SVIPS.
  - Implemented search functionality and cart management with a responsive UI.
  - Designed clean, mobile-friendly interfaces using Tailwind CSS.
  - **Tech:** React.js, Tailwind CSS
  - **GitHub:** pharmacy-repository
  - **Live Demo:** pharmacy-app **(March '25)**

- **RAG-based PDF Answering System**:
  - Built a system to answer questions based on PDF documents using a combination of retrieval and generation.
  - Utilized embeddings and a vector database to retrieve contextually relevant sections.
  - Integrated OpenAI's LLM with LangChain to generate accurate responses.
  - Implemented a complete pipeline for document parsing, retrieval, and answering.
  - **Tech:** Embeddings, Vector Database, OpenAI LLM, LangChain
  - **GitHub:** rag-pdf-answering **(August '24)**

CERTIFICATIONS

- **Microsoft Certification**: Azure AI Fundamentals AI-900 Certified
- **Microsoft Certification**: Azure AI Associate AI-102 Certified
- **Oracle Certification**: OCI 2024 Generative AI Certified
- **NPTEL Certification**: Google Cloud Computing Foundations Certified

INTERNSHIPS

- **4SightAI Intern**:
  - Worked on advanced AI/LLM tooling using LangChain, OpenAI APIs, and vector embeddings to build intelligent agents and conversational workflows.
  - Gained practical experience in developing multi-agent systems with CREW AI.
  - Integrated tools for Retrieval-Augmented Generation (RAG) to enhance agent performance.
  - Designed context-aware prompts to improve conversational AI capabilities.
  - Focused on creating scalable and modular agent architectures tailored to specific tasks and domains.
  - Contributed to the development of efficient workflows and architectures for AI applications.

  (July 2024 - Nov 2024)

ACHIEVEMENTS

- Achieved 3rd place in a college hackathon organized by Brainovision, focusing on AWS technologies - November, 2023
- Solved 700+ problems on GeeksforGeeks – vinaysiddha profile
- Runner's Up at CodeWizardy a coding contest by Sri Vasavi Engineering College - January, 2023
- Created over 200 designs using Canva, showcasing proficiency in visual communication

EXTRACURRICULAR ACTIVITIES

- Serving as Class Representative
- Event Organizer at SVEC-AIM Dept. for Freshers 2023
- Creative Wing lead of Microsoft Learn Student Club