Vishnu Vardhan Gudipati

Web Developer, Software Engineer and AI Engineer

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Profile

I'm an engineer with a passion for the evolving fields of technology, especially in Artificial Intelligence, Web Development and Information Technology. My technical toolkit includes expertise in **C/C++, Python, Java, HTML, CSS, JavaScript, and SQL**, complemented by strong skills in **communication, problem-solving, and logical reasoning**. I thrive in team settings, bringing excellent communication skills and a collaborative spirit to every project. Committed to lifelong learning, I continuously update myself with the latest tech trends to stay ahead in the fast-paced world of engineering.

Projects

An AI powered Business Intelligence Product *(Vishayamitra)* **GEN AI, BI** *05/2024 - Present*
- Created a multiagent framework for understanding and generating insights
- Working on pattern identifications, data visualization and auto preprocessing features

Study Space Application, *(Study Squad)* **WEB, SMART EDUCATION** *05/2024 - 05/2024*
- Designed an workspace environment to support learning and make it easier for students.
- Focused on user-friendly interface to enhance engagement and educational outcomes.

Movie Recommendation System, *(CineFinder)* **ML, WEB** *11/2023 - 12/2023*
- Developed a tailored movie recommendation engine capable of suggesting films based on genre, actor, or random selection.
- Integrated user interface with backend machine learning models to streamline movie discovery and selection processes.

Educational Environment Web App, *(EDUENV)* **WEB, SMART EDUCATION** *09/2023 - 10/2023*
- Designed an educational environment for a hackathon to support learning and teaching processes.
- Focused on user-friendly interfaces to enhance engagement and educational outcomes.

Image and Story Generation Application, *(Imagetory)* **GEN AI** *08/2023 - 09/2023*
- Created a language model application for generating images and stories based on text input using Hugging Face Transformers.

Referral Message Generator, *(Refer Up)* **GEN AI, WEB** *04/2023 - 05/2023*
- Created a web application for generating personalized referral messages to facilitate user networking and promotion.

Skills

- **Programming:** Python, Java, C/C++
- **Web Development:** HTML, CSS, Bootstrap, Javascript, React.js, Flask
- **Machine Learning:** Scikit-learn, Pandas, Numpy, Scipy, Tensorflow
- **Gen AI:** Hugging Face, Langchain, Pinecone, Pandas AI
- **Database Mangement:** MongoDB, PostgreSQL, SQL Oracle Server, Bigquery
- **Soft Skills:** Presentation, Innovative Thinking Planning, Organizing, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

Achievements

- **Hackathons:** Participated in 11 hackathons conducted by major organizations; won 4 major hackathons conducted by International Tech Organization and Major League Hacking.
- **Projects and Contributions:** Created over 20 projects and contributed to few repositories on GitHub.
- **Volunteering:** Successfully conducted Blood, Cancer screening and other Health camps across the colleges in Telangana state as part of Sreenidhi Cancer Foundation.

Online Courses & Certifications

- Python For Data Science (Aug. 2023) - NPTEL

- AWS Academy Graduate - AWS Academy Machine Learning Foundations (Oct. 2023) - AWS Academy

- AWS Academy Graduate - AWS Academy Cloud Foundations (Sep. 2023) - AWS Academy

- Machine Learning Specialization (Feb. 2024) - Coursera

- Algorithmic Toolbox (Aug. 2023) - Coursera

Education

B.Tech Computer Science-**(AIML)** *Sreenidhi Institute of Science and Technology*   **Hyd, Telangana** *2021-2025*
Relevant Courses: Software Project Mangement, Computer Networks, Software Engineering, Artificial Intelligence, Operating Systems, Database Mangament Systems, Machine Learning, Discrete Maths, Data Warehousing and Data Mining
Intermediate- **MPC** *Trinity College of Intermediate*   **Karimanagar, Telangana** *2019-2021*
Focused on: Vector Geometry, Linear Algebra, Permutations and Combinations, Calculus
10th Board- **SSC** *Kakatiya High School*   **Karimnagar, Telangana** *2018-2019*
Secured Score: 9.2 GPA

Languages

- **English** [Professional]

- **Telugu** [Native]

- **Hindi** [Intermediate]