

MOHANA MANI VYSHNAVI JAYAVARAPU

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EDUCATION

Bachelor of Technology

Sri Vasavi Engineering college	GPA
Computer Science and Technology	8.97 / 10.0
2021 - 2025	

Intermediate

Sasi Junior College	Marks
2019 - 2021	965 / 1000

EXPERIENCE

GEN AI INTERN

4Sight AI
01/06/2024-01/02/2025 Hyderabad

Roles and Accomplishments

- Integrated distinct LLMs, including General Purpose, Multimodal, and Transformers, for a range of AI tasks.
- Building FastAPI's for integrating AI functions.
- Developing AI-driven web applications using React framework and integrating AI functionalities into front-end applications.

SKILLS

Programming Languages

Java, Python, C++

Frameworks and Libraries

Django, ReactJS, LangChain

Concepts and Technologies

Data Structures and Algorithms, Object-Oriented Programming, Database Management System, MongoDB, MySQL, Machine Learning, Operating Systems, Computer Networks, Generative AI, Retrieval Augmented Generation

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- GitHub Foundations
- GitHub Actions
- AWS Cloud Virtual Internship
- NPTEL certificate on Introduction to Internet of Things
- NPTEL Certificate on Privacy and Security in Online Social Media
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- Oracle Cloud Infrastructure 2023 Certified Architect Associate
- Django using python certified by BRAINOVISION
- Completed a 6-week AI and ML internship with IBM Skills Build, in partnership with APSSDC
- Prompt Engineering and ChatGPT by ExcelR

PROJECTS

MoneyBuddy AI

Technology stack: ReactJS, FastAPI, Gen AI, MongoDB, Python, Tesseract OCR, AWS, JWT, Docker.

- Designed and developed an AI-powered personal finance assistant to help users manage finances efficiently.
- Enabled 70% reduction in manual effort through automated expense tracking and OCR-based receipt scanning.
- Improved financial planning efficiency by 60% with personalized budgeting and investment guidance.

DINE AND DONATE

Technology stack: HTML, CSS, XAMPP, PHP

- Designed and developed a mobile-based ordering system, reducing waiting time by 50% and increasing customer satisfaction by 25%.
- Implemented a QR code-based table management system, ensuring accurate order delivery and reducing errors by 20%.
- Introduced a donation feature, enabling customers to contribute to charitable organizations.

Masking Sensitive Data

Technology stack: Generative AI, NLP.

- Designed a Generative AI solution to safeguard sensitive data by masking the sensitive data, boosting privacy.
- Achieved an 80% improvement in data security by implementing advanced data-masking techniques.

Respond AI

It is like a Mini Chatbot.

- Developed Respond AI, a conversational chatbot leveraging OpenAI's GPT-4 model.
- Implemented conversation history storage, secured API key management, and configured response parameters for tailored interactions.

POSITION OF RESPONSIBILITIES

- Coordinator for AVINYA2K24 SVEC, a 24 hours hackathon organized in our college with more than 80 teams and 400 participants.
- Coordinator for SPECTRA2K24 SVEC, a technical and cultural fest organized in our college.
- Served as Team Lead for Dine and Donate Project.

ACHIEVEMENTS

- Authored a paper on the implementation of DINE AND DONATE, published in IRJET.
- Participated in Hack-Overflow 24-hour hackathon at our college in 2022.
- Authored a paper on the implementation of MoneyBuddy AI, published in IRJET.