

AVALA GOWTHAM

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PROFESSIONAL EXPERIENCE:

The Skidoo-Software Engineer Internship [Figma|NLP|React]

Nov,2024-Dec,2024

- Built and enhanced website designs, achieving a 30% improvement in user interface responsiveness.
- Collaborated on creating comprehensive detailed documentation to enhance project clarity and maintainability.
- Customized and fine-tuned ChatGPT models for specific use cases, incorporating advanced techniques and strategies, improving performance and relevance in client interactions.

SkillDzire-Artificial Intelligence Internship[AI|NLP|NLU]

Jun,2022-Aug,2022

- Leveraged Alexa's voice recognition and AI capabilities to enhance interactions, resulting in a 25% increase in user satisfaction, contributing to a 40% increase in task completion rates using voice commands.
- Integrated Natural Language Processing to achieve a 30% increase in Communication accuracy.
- Demonstrated a 40% efficiency boost in voice-controlled systems through advanced AI implementation and optimized AI algorithms, and enhanced processing techniques.

PROJECTS:

Ecommerce Shipping Platform -[JavaScript|HTML|CSS|Jasmine] [\[Link\]](#)

May,2024-July,2024

- Created a fully functional e-commerce platform featuring a comprehensive item catalog, cart management for flexible user interactions, and seamless delivery options integrated into the system.
- Crafted a user-friendly and intuitive order placement functionality, which resulted in a measurable 20% increase in user engagement during the testing phase of the platform.
- Employed JavaScript and Local Storage to build a responsive, efficient, and reliable user experience, ensuring the system could effectively handle and support over 500 simultaneous users without performance issues.

DocBot using Langchain- [Python|LLM|Langchain|NLP] [\[Link\]](#)

Feb,2024-Apr,2024

- Developed a document processing application, increasing capacity by 50 %. Reducing response time by 30% through optimized data processing and efficient algorithm integration.
- Analyzed and summarized documents, providing answers to user queries with 95% accuracy.
- Implemented LLM and Langchain to enhance answer precision from complex PDF by using advanced NLP techniques. Improving user satisfaction by 25%.
- Designed parallel processing techniques to achieve reduction in overall processing time compared to previous methods.

Weather Data Monitoring Dashboard-[JavaScript|HTML|CSS|Python|Django|SQL]

May,2023-July,2023

- Engineered a cutting-edge web application and data dashboard using Django, increasing user engagement by 40% and reducing page load times, incorporating modern web development practices for superior performance.
- Empowered organizations to enhance processes with real-time data insights, resulting in a 20% strengthen in operational efficiency and a 25% reduction in response time.
- Facilitated data-driven decision-making, leading to a 35% improvement in process accuracy and a 30% reduction in manual effort. Deployed scalable solutions, ensuring reliable data management.

SKILLS:

- **Programming Languages:** C, JavaScript, HTML, CSS, Java, Python, Node.js, MongoDB
- **Technologies:** ReactJs, Django, SQL, NLP, LLM.
- **Tools:** MsOffice, PowerPoint
Software Development LifeCycle
- **Soft Skills:** Flexibility, Creativity, Communication

EDUCATION:

University College of Engineering Narasaraopeta JNTUK, India

Feb,2021-May,2024

- Bachelor of Technology in Computer Science & Engineering

ADDITIONAL INFORMATION

- **Languages:** English, Telugu
- **Certifications:** Introduction to Artificial Intelligence, Completion of Web Development Course, Microsoft Power BI Basics, Digital Marketing Fundamentals