MANASA POLAGONI

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LinkedIn - linkedin.com/in/manasa-polagoni | GitHub- https://polagonimanasa.github.io/portfolio/

SUMMARY

Motivated and detail-oriented Computer Science graduate with a strong foundation in SQL, Python and Front-end. Gained practical experience through academic projects, virtual internships and certificates. Eager to apply analytical and problem-solving skills to real-world challenges. Quick learner, adaptable and passionate about continuous growth in the Tech field.

SKILLS

- **Programing Languages -** Python, SQL
- **Web Development -** HTML, CSS, Java script
- **Framework -** React.js, Django
- **Tools -** VS Code, MySQL
- **Operating System -** Windows, Linux

PROJECTS

PERSONAL PROJECT - Image Search App (2025)

GITHUB - https://github.com/polagonimanasa/image-search-app.git

TECH STACK: React.js, JavaScript, HTML, CSS, Unsplash API

- Developed a React-based image search application using the Unsplash API to fetch high-quality images based on user input.
- Implemented infinite scrolling and download functionality for selected images, enhancing user experience.
- Designed a dark-themed, responsive UI with interactive search and keyboard support.

PERSONAL PROJECT - RECIPE FINDER APPLICATION (2025)

GITHUB - https://github.com/polagonimanasa/recipe-finder.git

TECH STACK: React.js, HTML, CSS3, TheMealDB API, GitHub, CodeSandbox

- Developed a responsive web application to search recipes by name or ingredients using TheMealDB API.
- Implemented dynamic search functionality with real-time API integration to fetch and display recipe details.
- Designed an intuitive UI with React and CSS3 for seamless navigation and enhanced user experience.
- Displayed detailed recipe information including ingredients, instructions, and tutorial video links.
- Integrated the project with GitHub for version control and deployed a live demo on CodeSandbox.
- Followed modular coding practices for scalability and maintainability.

GROUP PROJECT - AUTOMATED RESUME PARSER WEB APPLICATION (2024)

TECH STACK: Django, Python, PyPDF2, python-docx, NLP(Spacy, NLTK) , Regular Expression, HTML, CSS, SQLite, Pandas

- Developed a Django-based web application to automatically extract structured information from unstructured resumes in PDF and DOCX formats.
- Implemented NLP techniques and regex patterns to extract candidate Name, Email ID, Phone Number, Skills (from skills section), Highest Qualification, and Work Experience.
- Used PyPDF2 and python-docx for file reading and text extraction from resumes.
- Designed a predefined skills dataset and applied text matching to extract relevant skills from the resume.
- Implemented highest education extraction using keyword matching from education-related terms.
- Stored extracted data in SQLite database for easy retrieval and management.

EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING - 8.5 CGPA (2021 - 2025)

Malla Reddy Institute of Engineering and Technology, Hyderabad
- **KEY SKILLS -** DBMS, Object-oriented programming, Data Structures, Operating Systems, SDLC

INTERMEDIATE IN MATHEMATICS PHYSICS AND CHEMISTRY - 9.72 CGPA (2021)

Sri Chaitanya Junior College, Hyderabad

SECONDARY SCHOOL CERTIFICATE - 8.8 CGPA (2019)

Sri Shanthinikethan High School, Hyderabad

CERTIFICATES

FORAGE - COGNIZANT **Agile Methodology Virtual Experience certificate**, Hyderabad | LINK (2022)

CISCO NETWORKING ACADEMY **Python Programming certificate**, Hyderabad | LINK (2025)