

Sneha Yadav

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Technical Skills

Programming Languages and DataBases: Python, MySQL, HTML, CSS, JavaScript

Frameworks and Libraries: React.js

Tools & Technologies: Git, GitHub, Langchain, Pinecone, OpenAI

Core Skills: Data Structure & Algorithms, Data Analysis, Problem-Solving and Critical Thinking

Languages Known: English, Hindi, Tamil

Experience

Wintrack Surveyors

Jun 2023 – Jul 2023

Project Management and Inventory Management Intern

Chennai, India

- Gained hands-on experience in project and inventory management within the marine insurance and cargo survey industry.
- Developed strong time management and problem-solving skills through exposure to diverse projects.
- Familiar with industry regulations, surveying operation and documentation processes.

Accenture

Nov 2024

Developer and Technology Virtual Experience Program

Virtual

- Gained a comprehensive understanding of the Software Development Lifecycle (SDLC) and Agile methodologies.
- Designed a custom algorithm and communicated its logic through pseudocode and flow diagrams.
- Conducted research on emerging tech trends, particularly in DevOps and delivered a presentation comparing waterfall and agile methodologies.

Projects

To-Do List Web Application

Frontend Developer | [GitHub Repository](#)

- Developed a responsive to-do list application using HTML5, CSS3, and JavaScript for task management
- Implemented CRUD functionality (Create, Read, Update, Delete) and dynamic task updates using DOM manipulation.
- Designed a clean and intuitive user interface to enhance usability across desktop and mobile devices.

Rock Paper Scissors Game

Frontend Developer | [GitHub Repository](#)

- Developed an interactive Rock Paper Scissors game using HTML5, CSS3, and JavaScript.
- Implemented game logic to handle user input and generate randomized computer choices.
- Designed a clean and simple user interface for an engaging user experience.
- Utilized DOM manipulation to display real-time results and game outcomes.

End-to-End Medical Chatbot

Generative AI | [GitHub Repository](#)

- Key skills: Open AI Large Language Models (LLMs), Pinecone, LangChain, Retrieval-Augmented Generation (RAG).
- Built an AI chatbot, Implemented a RAG pipeline for efficient medical data retrieval and for accurate responses using Pinecone's vector databases.
- Ensured privacy compliance and optimized performance for telemedicine and patient support.

Certification

- AWS Academy Machine Learning Foundation
- Machine Learning with Python
- Data Visualization with Python
- Python 101 for Data Science
- Automata Theory, Languages and Computation

Education

SRM Institute of Science and Technology

B.Tech Computer Science and Engineering | CGPA: 7.89

2021 – Present

Chennai, TN

Velammal Vidhyashram

12th | CBSE | Percentage: 78.16

2021

Chennai, TN

SMT NDJA Vivekananda Vidhyalaya

10th | CBSE | Percentage: 72.4

2019

Chennai, TN