

DURGA SANKAR PANCHANATHAN SENTHIL VELAN

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EDUCATION

Texas State University

2021 - 2023

Master of Science, Computer Sciences

Coimbatore Institute of Technology

2016 - 2021

Master of Science, Software Systems

EXPERIENCE

Texas State University, San Marcos, Texas

Graduate Instructional Assistant

Aug 2022 - May 2023

- Consistently provided tutoring to students in both C++ and Python programming languages.
- Designed the course materials for lab demonstrations.
- Achieved an 80% average passing rate, leading to improved student performance.

Gyaanbee, Coimbatore, India

Internship

Feb 2021 - May 2021

- Constructed modules on the existing website using React, Node.js, and SQL DB as the database.
- Aided in the transition to a revamped website design by providing bug fixes and code enhancements.

Rheinbrucke IT Consulting Ltd, Chennai, India

May 2019 - Oct 2019

Internship

- Created screens for an application catering to prominent blending industries as part of the "Process Vertical" project, utilizing .NET (C#).
- Offered solutions and guidance to clients regarding SSRS reports and created a standardized model for generating organizational charts using D3.js.

ACADEMIC PROJECTS

Customized Assistant

June 2023

- Created a chatbot using Python and GPT-3.5 from OpenAI. It understands and generates natural language with Gradio. Customized it to be marvel's Jarvis.

Travel Website

Sep 2022 – Dec 2022

- Created an engaging and intuitive travel website that allowed users to easily book flights and motels.
- Utilized React.js, Bootstrap, Java, and SQL to build a responsive user experience.

Resume Parser

Dec 2019 - Feb 2020

- Automated the initial screening of job applicants by designing a python-based application.
- Implemented keyword separation and filtration and scored the categories based on the matching results.

Cinema Connect

July 2020 - Sept 2020

- Developed an Android app connecting users to movies with multi-lingual subtitles. Used Firebase for authentication and data storage, and Java for backend. Improved user experience with a friendly interface.

ADDITIONAL

ETL using Microsoft SSIS (Udemy)

ASP.NET Core and Entity Framework Development (Udemy)