

DURGA SANKAR PANCHANATHAN SENTHIL VELAN

Open to relocation | durgapsv99@gmail.com | [LinkedIn](#) | [Portfolio](#) | 469 - 927 - 2732

EDUCATION

Texas State University, San Marcos, Texas

Master of Science in Computer Sciences

May 2023

Coimbatore Institute of Technology, Coimbatore, India

Master of Science in Software Systems (Integrated)

July 2021

TECHNICAL SKILLS

Languages: C++, C#, Python, React, HTML, CSS, SQL (MySQL)

Tools: SQL Server, Microsoft SSIS, Microsoft Excel, Visual Studio, GitHub, Firebase API

EXPERIENCE

TEXAS STATE UNIVERSITY

Graduate Instructional Assistant

Aug 2022 - May 2023

- Consistently provided tutoring to students in both C++ and Python programming languages.
- Designed materials for lab demos, leading to better student performance resulting in an average 80% passing rate.

CATALYST QUIZ CORP

Software Engineering Intern

Feb 2021 - June 2021

- Constructed modules on the existing website using MERN stack.
- Aided in the transition to a revamped website design by providing bug fixes and code enhancements.

RHEINBRUCKE IT CONSULTING LTD

Software Engineering Intern

May 2019 – Nov 2019

- Designed screens for an application catering to prominent blending industries, utilizing .NET (C#)
 - Offered solutions and guidance to clients regarding SSRS reports and created a standardized model for generating organizational charts using D3.js.
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ACADEMIC PROJECTS

Customized Assistant

June 2023

Technology: Open AI, Gradio, Python

- Created a chatbot using OpenAI's GPT-3.5, integrated with Gradio for natural language generation.
- Customized it to respond like Marvel's Jarvis, offering a concise solution in an interactive AI experience.

Travel Website

Nov 2022

Technology: HTML, CSS, Bootstrap, Java, MySQL

- Built a travel website facilitating flight and motel bookings and ensures a responsive and engaging user experience.

Resume Parser

Jan 2021

Technology: Python

- 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

Sept 2020

Technology: Android Studio, Java, HTML, CSS, Bootstrap, Firebase

- Developed an Android app that connects users to movies featuring multi-lingual subtitles.
 - Utilized Firebase for authentication and data storage and java for backend.
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CERTIFICATIONS AND VOLUNTEERSHIP

Present

- Certifications: ETL using Microsoft SSIS and SQL , ASP .NET Core and Entity Framework Development (Udemy)
- AI Trainer at Remostacks: Evaluate and collect feedback to enhance AI response accuracy.
- Volunteer at mPrime LLC: Contribute to the web development team, gaining hands-on experience in creating front-end webpages and connecting them to Firebase for database solutions.