# DURGA SANKAR PANCHANATHAN SENTHIL VELAN

Open to relocation | durgapsv99@gmail.com | LinkedIn | Portfolio | (469) 927 – 2732

## EDUCATION

**Texas State University**                                                                                                                San Marcos, TX
Master of Science, Computer Sciences. GPA 3.25                                                                                  May 2023

**Coimbatore Institute of Technology**                                                                                          Coimbatore, India
Master of Science, Software Systems. GPA 8.03                                                                                      July 2021
Relevant Coursework: Principles of Software Engineering, Database Theory and Design, Operating Systems

## EXPERIENCE

**TEXAS STATE UNIVERSITY**
**Graduate Instructional Assistant**                                                                                        Aug 2022 - May 2023

Instrumental in the academic support and success of students. Responsibilities included monitoring labs, providing one-on-one tutoring in C++, grading assignments, and giving engaging presentations. Designed course materials for effective lab demonstrations and achieved a passing rate of 80%, demonstrating a significant improvement in student performance.

**CATALYST QUIZ CORP**                                                                                                              Coimbatore, India
**IT Internship**                                                                                                                        Feb 2021 - May 2021

Enhanced Gyaanbee's website with a focus on developing a dynamic Quiz Module, organizing online quiz tournaments, and creating on-demand courses for children. Used the MERN stack for smooth integration and engaging learning experience for users. Worked on the company dataset using SQL for further improvements and feedback integration.

**RHEINBRUCKE IT CONSULTING LTD**                                                                                      Chennai, India
**IT Internship**                                                                                                                          May 2019 - Oct 2019

Designed application screens for the "Process Vertical" project, serving prominent blending industries. Utilized .NET (C#) for development. Provided valuable solutions and advice to clients on SSRS reports. Established a standardized model for generating organizational charts using D3.js.

## ACADEMIC PROJECTS

**Travel Website**                                                                                                                                Dec 2022
Crafted a user-friendly travel website facilitating seamless flight and motel bookings. Used HTML,CSS, Bootstrap, Java, and SQL to ensure a responsive and engaging user experience.

**Resume Parser**                                                                                                                                  Feb 2020
Developed a Python-based application to automate the initial screening of job applicants. Incorporated keyword separation and filtration techniques, assigning scores to categories based on matching results.

## VOLUNTEERSHIP AND ACTIVITIES                                                                            Present

- As a volunteer at mPrime, I will contribute to the web application development team. Gain hands-on experience in creating front-end webpages and connecting them to cloud database solutions using the Firebase API.
- ETL using Microsoft SSIS and SQL (Udemy)
- ASP.NET Core and Entity Framework Development (Udemy)