

Tresten Pool

Software Engineer

✉ trestenpool@gmail.com

☎ (361) 446-2936

📍 Corpus Christi, TX

🌐 [LinkedIn](#) [Github](#)

🌐 [Portfolio-site](#)

Programming Languages

Java	SpringBoot
Javascript	ExpressJS
PHP	Laravel
Python	Django, Selenium
C,C++	OpenMP, MPI
HTML	
CSS	
Powershell	DBATools
SQL, NoSQL	

Certifications

AWS Certified Cloud Practitioner

Microsoft Certified Azure
Fundamentals

Course Work

Advanced Software Engineering
Enterprise Software Engineering
Advanced Systems Programming
Parallel Programming

Skills Development

Udemy - [Web Developer Bootcamp 2022](#)

Udemy - [Python Django](#)

Udemy - [C Programming](#)

EDUCATION

University of Texas at San Antonio

B.S Computer Science (Concentration Software Engineering)

📅 September 2018 - May 2022

📍 San Antonio, TX

WORK EXPERIENCE

Sogeti — Application and Cloud Technologies Consultant

August 2022 - PRESENT

- Leveraged a comprehensive skill set to architect cutting-edge solutions, collaborating closely with clients to conceptualise, design, and implement software systems that optimise operational efficiency and drive business value. From crafting intricate PowerShell scripts to orchestrating complex cloud-based architectures, consistently delivered outcomes that surpassed client expectations.
- Spearheaded a multitude of dynamic projects encompassing diverse technical domains, such as software architecture, and engineering, effectively catering to a wide spectrum of client needs.

Solugenix — IT Help Desk Technician

February 2020 - February 2022

- During my tenure as an IT Help Desk Technician, I demonstrated exceptional problem-solving skills and technical expertise while providing crucial support to customers.
- Effectively addressing a diverse range of technical concerns, I adeptly managed customer calls, swiftly diagnosing and resolving issues that spanned from intricate Point of Sales systems to composing and executing Microsoft SQL queries for comprehensive troubleshooting.

Side Projects

YelpCamp

- A local business review site that lets you post campgrounds for rent. Allows customers to post comments and leave reviews on campgrounds they stayed at
- ExpressJS web application with Bootstrap 5 for the frontend hosted on AWS Elastic Beanstalk and uses AWS DocumentDB for the database

Inventory Management System API

- In Advanced software engineering class we were tasked with taking a 5 million record csv file and converting that into a fully functional CRUD API
- Used PHP Laravel framework to create the CRUD Restful API and MySQL for the database