

# MICHAEL PALACIOS

Software Engineer



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Austin, TX 78727

## PROFESSIONAL SUMMARY

Accomplished Software Engineer with a robust background in full-stack development and a track record of leading a team to resolve critical issues, leveraging skills in Java, SQL, and Python. Excelled in project management and technical communication through a strategic role at Tata Consulting Service and advanced machine learning studies at the University of Texas at San Antonio.

## SKILLS

Java C++ Python JavaScript SQL OracleDB Git GitHub Project Management

Project Planning Software Documentation Engineering Standards Fluency in C, C++, C#

Java Database Connectivity (JDBC) Performance and Scalability Optimization

Hardware and Software Installation

## EXPERIENCE

### SOFTWARE ENGINEER

Tata Consulting Service – contract to GE Aviation, March 2021–Present

- Full stack developer - Html, CSS, xslt, Java, asp, sql
- Managed Multiple servers for application - Windows and Linux
- SQL Admin - create own queries and maintain database
- Application Admin - Worked/Solved the issues of 16.5k users.

### PROJECT LEAD FOR CMMC PROJECT

Tata Consulting Service – contract to GE Aviation

- Lead a team of 4 engineers on fixing 40+ issues with an application
- Successfully led meetings using waterfall methodology
- Further developed communication and leadership skills.

### MACHINE LEARNING STUDENT, San Antonio, Texas

University of Texas at San Antonio, January 2021–Present

- Developed the ability to work independently and as part of a team.
- Developed several Deep Learning models and Machine Learning Models

- Showed how to optimize the models using 5+ software techniques and 5+ hardware techniques
- Successfully built LLM with a vocab size of 10,000

### STUDENT MANAGER, Nashville, US

Southwestern Advantage, August 2017–May 2018

- Recruited, trained, and managed 2 salespersons for direct sales while being a full-time student
- Developed managerial and public speaking skills while conducting interviews, group trainings, and presentations
- Attended over 100 hours of management, recruitment, advanced sales, and leadership training
- Increased sales 78% over previous year, and had 300+ customers

## EDUCATION

### MASTER'S IN SCIENCE IN COMPUTER ENGINEERING CANDIDATE

University of Texas at San Antonio, Expected graduation May 2024

### BACHELOR OF SCIENCE IN COMPUTER ENGINEERING AND ELECTRICAL ENGINEERING

University of Texas at San Antonio, January 2020

**GPA 3.82**

#### Awards & Honors

Outstanding Undergraduate Award

President of Electrical Engineering Honor Society  
(HKN)

First Place in School Engineering Competetion