

# SHALINI PATEL

Tampa, FL

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## EDUCATION

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### University of Florida - Gainesville, FL

Bachelor of Science in Computer Science, GPA: 3.5/4.0

*Expected Dec 2023*

### Hillsborough Community College - Brandon, FL

Associate of Arts in Computer Science, GPA: 3.8/4.0

*May 2021*

### Hemchandracharya North Gujarat University - India

Bachelor of Science in Botany, GPA: 3.9/4.0

*May 2018*

## WORK EXPERIENCE

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### Ravkoo Healthcare - Tampa, FL

*Data Analyst*

Jan 2022 - Aug 2022

- Interpret and analyze data from multiple sources including claims, provider, member, and encounters data. Identify and assess the pharmacy's impact of trends
- Translate Advanced Analytics outputs into insights and implications to the business applying Commercial Mix Modelling (CMM)
- Contribute to the development of custom metrics and reports to support the Clinical Operations Group analytics framework.

**Tools:** Qlik Sense, Alteryx and Power BI

### Amazon - Tampa, FL

*Logistics Data Analyst*

Jan 2020 - Jan 2022

- Develop ad-hoc visualization report in Tableau for Outbound Supply Chain KPIs with Amazon Pharmacy performance management group ( On-Time-In-Full (OTIF), Lead Time, Cycle Time )
- Build and maintain the infrastructure to support extraction, transformation, and loading (ETL) of data from a wide variety of data sources in Amazon Redshift
- Develop complex queries to ensure accessibility while optimizing the performance of NoSQL.

**Tools:** SAS, SQL and Tableau

### JCPenney - Tampa, FL

*Operations Analyst*

May 2019 - Dec 2019

- Accountable for contributing to profitable sales growth by executing Enterprise Fulfillment and jcp.com activities
- Generate reports for shortages/overages and complete shipment check-in and order binning for jcp.com processes

## TECHNICAL STRENGTHS

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### Languages

Python, R, C++, C#, GO, Java, Java Script

### Library

Hadoop, Spark, Numpy, Pandas, Matplotlib, Sklearn, pyTorch, Tensorflow

### Database

SAS, MySQL, T-SQL, MongoDB, VBA, MS Excel

### Visualization

Power BI, Tableau, Qlik Sense, Alteryx

## PROJECTS

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### **Artificial Intelligence in Gardening**

Spring 2023

*University of Florida - [Class: CEN3031 Introduction to Software Engineering]*

- Worked in a team to develop a web-based app using GO for the backend and TypeScript for the front-end, allowing users to plan and manage their gardening activities.
- The app featured user authentication and authorization, user input validation, and data storage in a PostgreSQL database.
- Used various APIs to obtain weather data and soil moisture levels to help users optimize their gardening activities.

### **Operations Research in U.S. Bureau of Labor Statistics**

Fall 2022

*University of Florida - [Class: CIS4301 Information and Database System]*

- Designed and implemented an optimized database schema, extracted and transformed over 500,000 tuples of data from multiple sources, including the Occupational Employment and Wage Statistics (OEWS) Survey, spanning the years 1997-2021.
- Generated comprehensive job availability and location reports, utilizing advanced data modeling, filtering, sorting, and aggregation techniques to derive valuable insights and demonstrate proficiency in database development, data manipulation, and report generation.

## HONORS & CERTIFICATIONS

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- **Hillsborough Community College**, Dean's List
- **University of Florida**, Phi Theta Kappa Scholarship
- **Johns Hopkins University**, Applied Machine Learning

## EXTRACURRICULAR

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- **IEEE Data Science and Advanced Analytics**, Voluntary Member
- **Plant Biology Graduate Student Association**, Teaching Assistant