

# Radha Chalasani

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🔗 <https://coruscating-jelly-dbe2d4.netlify.app/>

## 👤 Profile

A dedicated Data Science graduate student with experience in data analytics, engineering, and security. Demonstrated expertise in developing data-driven solutions and delivering actionable insights across various domains, including cybersecurity, healthcare, and education. Actively seeking a full-time position starting December 2024 to leverage my skills in a dynamic and innovative environment.

## 🎓 Education

**M.S in CIS - Data Science**  
Gannon University

01/2023 – present | Erie, USA

**B.E in Info. Sci & Engg**  
JSSATE

08/2017 – 08/2021 | Bangalore, India

## 💼 Professional Experience

**Data Analytics and Business Intern**  
The Sparks Foundation

01/2021 – 02/2021 | Remote

**Security Deliver Associate**  
Accenture

02/2022 – 10/2022 | Hyderabad, India

I joined Accenture as a fresher.

Key Technologies: Sailpoint and CyberArk

I have worked as a security services practitioner, SailPoint Analyst, and PAM Analyst. I develop plans to safeguard computer files and intellectual property against accidental or unauthorized modifications. I also perform risk assessments and execute tests to ensure functioning activities and security measures. I document security and emergency measures and perform required audits.

**Student Conference Assistant**  
Gannon University

05/2023 – 08/2023 | Erie, USA

Organized and cleaned on-campus buildings and event centers to accommodate camps and events.

**STEM Pass Tutor**  
Gannon University

08/2023 – 10/2023 | Erie, USA

## Skills

Problem-Solving • Data Analysis • Python Programming • Excel Functions • Data Visualization • Presentations • Data Cleaning • Statistical Analysis • R Programming • Attention to Detail • Machine Learning • Use Cases • Communication • Collaboration • Project Management • AWS • SQL






## Tools, Libraries and Algorithms

Tableau • Power BI • Git • Jupyter • Sci-kit Learn • Seaborn • Matplotlib • Panel • Hvplot • TensorFlow • Keras • Random Forest • XGBoost • Support Vector Machine • LSTM • RNN • ANN • Naive-Bayes

## Languages

English, Telugu, Hindi, Kannada

## Courses

<b>Data Scientist Proficiency with Python</b> 	12/2020
Edureka	
<b>The Web Developer BootCamp 2020</b> 	10/2020
Udemy	
<b>Statistics for Data Science and Business Analytics</b> 	05/2021
Udemy	
<b>Neural Networks for Sentiment and Stock Price Prediction</b> 	05/2021
Udemy	
<b>Detect Fraud and Predict the Stock Market with TensorFlow</b> 	05/2021
Udemy	
<b>Google Data Analytics</b>	09/2024 – present
Coursera	
<b>Tableau Business Intelligence Analyst</b>	08/2024 – present
Coursera	

## Certificates

- Python(Basic) - HackerRank [↗](#)
- Python Core - Sololearn [↗](#)
- HTML - Sololearn [↗](#)
- Problem Solving (Basic) - HackerRank [↗](#)
- Android App Development - Internshala [↗](#)
- R (Basic) - HackerRank [↗](#)
- Response Web Design [↗](#)
- Angular (Basic) - HackerRank [↗](#)
- REST API (Intermediate) - HackerRank [↗](#)
- Oracle logo Oracle Certified Professional, Java SE 8 Programmer I (OCP) [↗](#)
- Emerging Trends in AI and Analytics [↗](#)
- Java (Basic) - HackerRank [↗](#)
- React (Basic) - HackerRank [↗](#)

## Projects

### **Sports Club Management System**

A database management system project that uses PHP and MySQL to manage and store data, with HTML and CSS for the user interface.

### **Inventory Management System**

Online Inventory done using Django framework and SQLite database system

### **Hotel Management System**

A hotel management system project was developed using C++, focusing on indexing.

### **Stock Market Prediction Using LSTM Neural Networks**

10/2020 – 08/2021

Developed stock market prediction models for Microsoft, Apple, Google, and Amazon using LSTM recurrent neural networks, leveraging different packages and techniques to enhance accuracy and insights into financial market trends, where we achieved 98% accuracy.

### **Emotion Based Behavior Prediction In Life : Research**

08/2023 – 10/2023

Exploring the predictive power of emotions in human behavior, focusing on understanding and forecasting the impact of emotional states on various aspects of daily life.

### **Autoimmune Disease Prediction in Patient with Diabetes**

10/2023 – 12/2023

Exploring machine learning algorithms to predict autoimmune diseases in individuals with diabetes, leveraging data analysis and model optimization techniques for improved healthcare outcomes

### **Patient and their Medication Analysis : Using Power BI**

03/2024 – 05/2024

This Power BI analysis explores patient demographics and medication usage patterns by leveraging interactive visualizations and detailed data exploration.

### **Liver Cirrhosis Prediction: A ML and DL Approach Using Visualization**

08/2024 – present

Liver cirrhosis prediction through machine learning enhances early detection and accurate diagnosis, enabling healthcare providers to make informed decisions and improve patient outcomes in managing this severe liver condition

## Publications

**RPA : An Industrial Overview** 

*IJSART*

A review paper based on Robotic Process Automation

## Declaration

I hereby declare that the information provided is true to the best of my knowledge