

SRIJA PALAKURTHI

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🔗 <https://github.com/srija-palakurthi>

EDUCATION

Post Graduate Certification in Data Science

Feb '21 - Nov '21

IIIT Bangalore & upGrad

CGPA: 3.61 / 4

BE Electronics and Communication Engineering

Jul '16 - Jul '20

Chaitanya Bharathi Institute of Technology

Hyderabad, IN

CGPA: 8.51

Intermediate

May '14 - Jun '16

Narayana Junior College

Hyderabad, IN

Percentage: 97.8%

10th

Jun '13 - Jun '14

Krishnaveni Talent School

Kagaznagar, IN

GPA : 9.8

PROFESSIONAL EXPERIENCE

1. DATA SCIENCE ENGINEER

Apr '22 - Present

MICRON TECHNOLOGY

Hyderabad, IN

Global Supply Chain Dept.

Tools & Technologies used: GCP, SSIS, Python, Snowflake, Airflow

-> Developed **Flexcap, Safety stock** applications for **inventory management** used for identifying forecast and fulfilling variability in demand.

-> Performed **Data Engineering activities** for sales orders with respect to backlog and shipment.

-> **Automating data pipelines using Airflow in GCP platform.**

-> **Migration of ETL from SQL servers to Snowflake**

2. SOFTWARE TESTING ENGINEER

Jul '20 - Apr '22

ZF TECH CENTER INDIA

Hyderabad, IN

Component: ECU for Semi Active Damping System

-> Performed Module Testing using of application software of ECU using Tessy Testing tool.

-> **Received spot star award for performance in module testing**

-> **My Contribution to testing team:**

Automated reports generation for HIL testing engineers using python script which improved efficiency and solved ***Time constraint** issues.

SKILLS

Programming Languages: Python, J2SE, C

MySQL

Python Libraries: Numpy, Pandas, Matplotlib, Seaborn, sklearn, statsmodels

Cloud Platform: GCP

Data Pipeline tool: Airflow

Data visualization tools: Tableau, PowerBI

Data Analysis

Tessy Testing tool

PROJECTS

- **Building Linear Regression model for prediction of demand for shared bikes with r2score of 0.79 using python**
<https://github.com/srija-palakurthi/Linear-Regression-bike-sharing>
- **Telecom churn prediction:**
Predicting whether a particular customer will switch to another telecom provider or not. A logistic regression model is created to predict the churn rate with an accuracy of 78%.
<https://github.com/srija-palakurthi/Telecom-churn-case-study>
- **Performed Data Analysis on IMDB movie ratings dataset :** Involved Data cleaning, EDA analysis and data preparation needed for building a model.
<https://github.com/srija-palakurthi/IMDB-Movie-ratings>
- **Lead Scoring Case Study:**
Build a Logistic regression model for predicting hot leads who are mostly likely to get converted with an accuracy of 80%.
<https://github.com/srija-palakurthi/Lead-Scoring-case-study>
- **HOME AUTOMATION USING SPEECH RECOGNITION:**
This project is developed using Raspberry Pi which provides an interactive environment to control home appliances with voice commands and gives feedback. Additionally, a webpage and an app are also developed which can improve comfort of the user to control the devices.

TRAININGS AND CERTIFICATIONS

- **PG Certification in Data science from IIIT Bangalore through Upgrad**
- **ISTQB (International Software Testing Qualification Board) Foundation Level Certification**
- **Udemy : SQL for Data Analytics**
- **SAS Programming Essentials**
- **BSNL(2weeks): Learned basic communication techniques like OFC and CDMA.**

ACHEIVEMENTS AND AWARDS

- Secured all India rank of **2681 in GATE(EC) in 2020.**
- Secured 1st position for paper presentation at 'SUDHEE', a national level technical symposium held at CBIT, Hyderabad for the topic of **BUBBLE POWER.**
- Secured 2nd position for paper presentation at 'CARPIDIUM', a cultural fest at CBIT, Hyderabad for the topic '**SPACE MOUSE**'.
- Secured 2nd position in project expo at 'FUTURE SASTRA', a national technical fest held at MLRW for the project '**SPEED CHECKER**'.

ACTIVITIES

- Secured 3rd position in KHELO Hyderabad CHESS conducted by street cause
- Member of Makers of India club where I learned the basics of Arduino
- Participated in technical fest held at CBIT in the activity of 'Circuitricks'
- Participated in Hackathon (C Programming) held at CBIT
- Participated in paper presentations at JNTU and CBIT

PERSONAL STRENGTHS

- Self Confidence
 - Work Dedication
 - Quick Learner
 - Ability to handle stressful situations
 - Analytical thinking in solving problems
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