

# Shanya Resha C

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shanya-resha-chandraseharan0602 Resha06 Portfolio

## SUMMARY

Enthusiastic and detail-oriented recent graduate with a strong foundation in machine learning, data analysis, and programming. Proficient in applying algorithms to solve real-world problems and passionate about leveraging data to drive impactful insights. Familiar with Python, TensorFlow, and Scikit-learn.

## EDUCATION

BSc Computer Science with Data Science SDNB Vaishnav College for Women 2022 – 2025

View UG Marksheet

Higher Secondary Certificate St. Mary's Mat. Hr. Sec. School 2021 – 2022

View 12th Marksheet

Secondary School Certificate Neelan Mat. Hr. Sec. School 2019 – 2020

View 10th Marksheet

## EXPERIENCE

Internship — Infologia Technologies Pvt Ltd 05/2024 – 06/2024

A company specializing in data technologies and solutions.

- Completed 90 hours of internship.
- Supported data team in Power BI visualization using SQL Server datasets.
- Contributed to data analysis and reporting tasks.

View Experience Certificate

## PROJECTS

### Water Quality Analysis using Machine Learning

- Built a predictive model to classify water quality using various ML algorithms.
- Implemented Decision Tree, Logistic Regression, Random Forest, Adaboost, and SVM models.
- Achieved 91% accuracy and visualized results with Python.

## Predictive Analytics Project

- Developed a predictive model using Scikit-learn to forecast sales trends.
- Achieved 85 percent accuracy on validation data.

## Image Classification using TensorFlow

- Built a convolutional neural network to classify images into categories.
- Improved model accuracy through hyperparameter tuning and augmentation.

hyperparameter tuning.

## KEY ACHIEVEMENTS

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- 3rd Prize – State Level Tamil Nadu IPL Play Abacus Competition.
- Perfect Attendance Award – 3rd and 9th Standard.
- Best Volunteer Award – Smriti'23 Eterna.

## CO-CURRICULAR

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- Member, Rotaract Club — actively involved in community service and cybercrime awareness.
- Member, Theatre Club — participated in drama and performance arts.
- Member, Cybercrime Awareness Club — initiatives on cybersecurity awareness.

## SKILLS

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<b>Programming Languages</b>	Python, R
<b>Machine Learning Tools</b>	TensorFlow, Scikit-learn
<b>Data Analysis</b>	Pandas, Numpy
<b>Visualization</b>	Matplotlib, Seaborn
<b>Soft Skills</b>	Teamwork, Problem Solving

## LANGUAGES

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- English
- Tamil