Shanya Resha C

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 Resha06

Summary

Highly driven and detail-focused Machine Learning Engineer enthusiastic about solving real-world problems using analytical and mathematical approaches. Skilled in dataset handling, model building, and visualization with strong teamwork and communication abilities.

Education

BSc CS with Data Science	SDNB Vaishnav College for Women	2022–2025
Higher Secondary	St. Mary's Mat. Hr. Sec. School	2021–2022
Secondary School	Neelan Mat. Hr. Sec. School	2019–2020

Experience

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

- Completed 90-hour internship involving data analysis and reporting.
- Created Power BI dashboards using SQL Server datasets.

Intern — Vcodez 09/2025 – Present

- Developed a sales prediction model using Scikit-learn.
- Achieved 85% accuracy on validation data.

Skills

Technical Skills	Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Power BI, Machine Learning Algorithms, Data Visualization
Soft Skills	Teamwork, Problem Solving

Projects

Water Quality Analysis using ML

- Classified water quality using Decision Tree, Logistic Regression, Random Forest, Adaboost, and SVM.
- Achieved 91% accuracy with visual insights.

Predictive Analytics Project

- Built a sales forecasting model with 85% accuracy.

Image Classification using TensorFlow

- Built a CNN-based classifier with improved performance via tuning and augmentation.

Achievements

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

Co-Curricular

- Member, Rotaract Club — community service and cybercrime awareness.
- Member, Theatre Club — acting and stage participation.
- Member, Cybercrime Awareness Club — cybersecurity awareness initiatives.