

RV Shubha Harini

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Professional Summary

Highly motivated and detail-oriented Data Science student with a strong foundation in Machine Learning, Data Visualization, and Programming. Passionate about solving real-world problems through data analysis and AI-driven solutions. Seeking an internship to apply technical and analytical skills in a professional environment..

EDUCATION

Integrated Master's Degree in Data Science

Amrita Vishwa Vidyapeetham, Coimbatore

09/2022 – 06/2027

CGPA: 9.2/10

Higher Secondary Certificate (HSC)

Amrita Vidyalayam, Coimbatore

06/2021 – 05/2022

Percentage: 95%

Secondary School Leaving Certificate (SSLC)

Amrita Vidyalayam, Coimbatore

06/2019 – 05/2020

Percentage: 92%

Technical Skills

- **Programming:** Python, Java, PHP, SQL, NoSQL, JavaScript, HTML, CSS, R
- **Data Science & Machine Learning:** NLP, Time Series Analysis, Streamlit, RDBMS
- **Visualization:** Microsoft Power BI, Jupyter Notebook, Excel
- **Tools & Platforms:** Gmail, Jupyter Notebook, Matlab

PROJECTS & RESEARCH

Smart HR Management System

30/07/2024 – 20/11/2024

- Developed an AI-driven recruitment system using NLP for resume shortlisting.
- Implemented ATS parsing techniques for automated resume evaluation.
- Increased applicant processing efficiency by 75%.

Parkinson's Disease Prediction & Analysis

30/11/2024 – Ongoing

- Developed an ML model to predict Parkinson's disease with high accuracy.
- Conducted data analysis on patient records to identify critical health patterns.

Agricultural Profit Optimization using ML

03/03/2025 – Present Ongoing

- Designed an ML-powered market prediction model for farmers.
- Optimized crop selection strategies, improving profit margins by 20%.

Heart Disease Detection & Analysis

01/01/2025 – Present Ongoing

- Developed an ML model to predict heart disease with high accuracy.
- Conducted data analysis on patients of different categories to identify critical health patterns for detecting heart attack vulnerability and performing data visualization.

EXPERIENCE

Data Analyst - Data Science (Internship)

Cognifyz, Coimbatore

08/08/2024 – 08/09/2024

- Developed ML models to predict results with high accuracy.
- Created data visualizations using Geopandas and statistical analysis.
- Implemented time series analysis for trend prediction and improvement.

CERTIFICATIONS

- Python for Data Science – NPTEL
- Programming in Java – NPTEL
- Data Analysis using Python – Cognizant
- Data Visualization using Python – Cognizant
- Web Development (HTML, CSS, JavaScript) – My Captain
- Data Analysis using Microsoft Excel – CIR Amrita

KEY ACHIEVEMENTS

- **Smart India Hackathon 2024 Winner** – Led a team to develop an AI-driven solution.
- **HackerEarth Hackathon 2024 Finalist** – Built an automation-based AI project.
- **Academic Excellence** – CGPA 9.48 | Topper-Ranked 1st in department (5th semester).

AWARDS & RECOGNITIONS

- Secured **1st position** in 5th semester with **9.48 SGPA**.

VOLUNTEERING & SOCIAL SERVICE

National Social Services (NSS) Volunteer (2023 - 2024)

- Participated in cleanliness drives in rural areas.
- Volunteered in a one-week campaign for teaching and mentoring school children.

Industry Expertise: Pragati - Path to Future

- Women empowerment program focusing on AI and technology advancements.