

Varsha Sri Palakurthi

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Professional Summary

- Aspiring data professional with strong skills in Python, SQL, data analysis, and machine learning.
- Proficient in Data Structures and Algorithms, with expertise in problem-solving and algorithm design.
- Seeking to leverage data-driven insights to solve complex problems and enhance business performance.

Education

- **B.Tech in Computer Science and Engineering**
BVRIT Hyderabad, affiliated with JNTU-H, (CGPA: 9.37 until 3rd sem) 2022-2026
- **Intermediate in MPC**
Krishnaveni Junior College, Hanamkonda, (Percentage: 98.6%) 2020-2022
- **SSC**
Shine High School (Vaagdevi), Hanamkonda, (GPA: 10/10) 2020

Technical Skills

- **Programming Languages:** Python, C, Java.
- **Data Visualization Tools:** Tableau, Power BI.
- **Database Management:** SQL, DBMS.
- **Web Development:** HTML, CSS, JavaScript.
- **MS Office:** Microsoft Word, Excel, PowerPoint.

Soft Skills

- Communication.
- Active Listening.
- Time Management.
- Teamwork.
- Creative Thinking.

Experience

- **Virtual Intern, Codsoft**
October 2023 - November 2023
 - Successfully completed a virtual internship with a focus on Python programming.
 - Developed key projects including a Rock-Paper-Scissors Game, Calculator, and Password Generator.
 - Technologies: Python, Tkinter.

Projects

- **Machine Learning Image-based Fruits and Vegetables Recognition with Calories** GitHub
 - Developed a lightweight deep learning model using a modified MobileNetV2 architecture with an attention module, achieving superior classification accuracy with fewer trainable parameters.

- Technologies: Python, MobileNetV2.
- <https://github.com/varshasric4/Machine-Learning-Image-based-Fruits-and-Vegetables-Recognition-with-calories>
- **Knowledgeable Knight - Knight's Tour Puzzle** GitHub
 - An interactive application designed to solve and visualize the classic Knight's Tour problem using a graphical user interface (GUI).
 - Technologies: Python.
 - https://github.com/varshasric4/Knowledgeable_knights
- **Dallas Crime Rate Visualization** GitHub
 - Analyzes Dallas crime rates using interactive dashboards to uncover patterns and trends, providing insights into time, location, and crime types.
 - Tools used: Tableau, Power BI.

Trainings

- **AWS DeepRacer Student:** Prequalified for AWS AI & ML Scholarship. Completed Introduction to Machine Learning and advanced to Introducing Generative AI with AWS.
- **Smart Interviews:** Training in problem-solving using data structures and algorithms under Amit Bansal in DSA-Batch-37 (Smart Coder).
- **Infosys SpringBoard:** Completed Introduction to Data Visualization Course.
- **Swayam Plus (Aispyr):** Pursuing SQL Certification Course.

Achievements

- **AWS DeepRacer Student:** Prequalified for AWS AI & ML Scholarship.

Certifications

- **Smart Interviews:** Smart Coder Certification in DSA (Gold Badge).
- **HackerRank:** Certification in Java (Basic).
- **HackerRank:** Certification in Problem Solving.
- **IBM:** Badge in Web Development Fundamentals.
- **HackerRank:** Certification in SQL (Basic).
- **Infosys:** SpringBoard Certification in Introduction to Data Visualization.
- **CodSoft:** Certification for Completion of Internship.
- **InterviewBit:** Time Complexity Wizard.

Languages

- English
- Hindi
- Telugu