

Datla Eswar Sai Krishnam Raju

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Skills

Programming Languages: Python, Java, Scala

Data Management: MySQL, Tableau, Excel, R Programming, Big Data

Web Technologies: HTML, CSS

Soft Skills: Problem-Solving, Team Collaboration, Project Leadership, Adaptability

Internship

Accenture Data Analyst and Visualization Job Simulation - Forage

January 2025

- Analyzed 7 datasets for a social media client.
- Cleaned, modeled, and analyzed data for strategic insights.
- Delivered findings via PowerPoint and a stakeholder video presentation.
- Used tools: SQL, Python, Tableau, Excel.

Python with Data Science and Machine Learning - Coding Ninjas

June 2024

- Developed Python proficiency and implemented core data structures.
- Learned Tableau and Excel for data visualization.
- Built foundational machine learning knowledge.
- Used tools: Scikit-learn, NumPy, Pandas, Jupyter Notebook.

Projects

Improving Yield Prediction in Smart Agriculture

August 2024

Tech used: Python, Pandas, Scikit-learn, Flask, IoT Sensors

- Developed an ML model using Random Forest for fertilizer optimization.
- Integrated IoT sensors for real-time data monitoring.
- Improved yield accuracy and minimized environmental impact.

COVID-19 Data Analysis Project

December 2023

Tech used: Python, Pandas, Matplotlib, Seaborn, NumPy

- Analyzed global COVID-19 data and its impact on happiness metrics.
- Visualized trends using Pandas, Matplotlib, and Seaborn.
- Provided actionable insights into societal effects.

Achievements

Published a research paper titled "Applying Machine Learning Approaches in Fertilizer Optimization and Yield Prediction for Smart Agriculture" at IEEE Conference

January 2025

Secured a Job Offer for Deputy Hub Manager at Zepto

- Recognized for leadership and operational management skills.
- Successfully cleared a competitive selection process.

Completed Specialized Coursework in Data Structures, Algorithms, and Machine Learning

- Acquired in-depth knowledge of core CS principles.
- Developed problem-solving skills crucial for real-world applications.

Education

Lovely Professional University, Punjab, India

August 2021 – Present

Bachelor of Technology in Computer Science and Engineering — CGPA: 6.8

Vidya Vikas Junior College, Jangareddygudem, AP

April 2019 – March 2021

Intermediate — Percentage: 93%

Vidyavikas High School, Jangareddygudem, AP

April 2018 – March 2019

Matriculation — Percentage: 97%