

# Suraj Kumar Subudhi

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## Professional Summary

Very driven and detail-focused student of Artificial Intelligence and Data Science at C.V. Raman Global University, with solid basics in machine learning, deep learning, and data analytics stuff. Had some experience making AI models for things like image sorting, keeping track of machines, and using data to make choices. Good at Python, Java, Hadoop, TensorFlow, and Power BI with practice in cloud work and big data stuff. Completed projects in medical pictures analysis, pulling out important info from text (entity extraction), plus looking into IPL/Netflix numbers. Enthusiastic problem solver who interned at DRDO which shows skills in research and new ideas. Looking for chances to use AI and data science know-how on real-world issues that can lead to good results in a busy place.

## Experience

### Machine Learning Intern

Naval Science and Technological Laboratory - DRDO, Visakhapatnam

Dec 2023 – Jan 2024

- Developed a machine learning model to predict drag force on underwater bodies, achieving 94% prediction accuracy.
- Preprocessed datasets and trained neural networks based on features like shape, size, and speed.
- Validated the model's accuracy to optimize marine designs.

### Web Developer

Bharat Intern (Remote)

Jun 2023 – Jul 2023

- Learned and implemented basic web development concepts, including HTML, CSS, and JavaScript.

### Java Developer

Oasis Infobyte (Remote)

Jun 2023 – Jul 2023

- Gained proficiency in Java programming and software development techniques through hands-on projects.

## Education

- Bachelor of Technology (BTech)  
Artificial Intelligence and Data Science  
C.V. Raman Global University (2021 – 2025)  
CGPA: 8.53/10
- Higher Secondary Education  
College of Basic Science and Humanities (2019 – 2021)  
Percentage: 87.2%

- Secondary Education  
Shree Krishna International School (2019)  
Percentage: 84.2%

## Certifications

- Data Science with Python – Remote (Nov 2022 – Jan 2023)
  - I have completed comprehensive training in data science with a focus on utilizing Python.
  - My experience encompasses a range of skills and knowledge providing me with a solid foundation to tackle real-world data challenges
- Coursera Courses:
  - Automating Real-World Tasks with Python
  - Configuration Management and the Cloud
  - Introduction to Git and GitHub
  - Using Python to Interact with the Operating System

## Technical Skills

- Programming Languages: Python, Java, JavaScript
- Web Development: HTML, CSS, MySQL
- Machine Learning Tools: Neural Networks, Data Preprocessing
- Other Skills: Algorithms, GitHub, Ubuntu

## Key Achievements

- Developed a machine learning model to optimize marine designs by predicting drag force.

## Languages

- English: Proficient
- Hindi: Proficient