

## VISWA R

Aspiring Data Scientist

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### **ABOUT:**

As a B.E. Computer Science graduate with a Post Graduate Course in Data Analytics and Machine Learning, I am proficient in ML platforms. I adopt best practices in coding, design, quality, and performance. I excel in leveraging evolving technology to upgrade products and provide customized ML solutions that meet enterprise-level customer requirements.



### **EDUCATION:**

- B.E. Computer Science, Jeppiaar Engineering College (Anna University, Chennai)  
Expected Graduation: 2024 | CGPA: 8.4
- Post Graduate Course in Data Analytics and Machine Learning, Imarticus Learning  
Year of Completion: 2024
- 12th Standard, Jawahar Hr Sec School (CBSE)  
Year of Completion: 2020
- 10th Standard, Jawahar Hr Sec School (CBSE)  
Year of Completion: 2018

### **CAPSTONE PROJECTS:**

- **"PG Account Calculator"** -
  - **Technologies:** Python , Pandas , Numpy , Tkinter
  - Automated the process of accessing Excel files to check for manual errors and subsequently calculate PG account balances, increasing accuracy by 99% , reducing calculation time 90%,and eliminating manual errors.
- **"Food Delivery Time prediction"** -
  - **Technologies:** Python , Machine Learning , Pandas
  - Developed a machine learning model to predict food delivery times using Python, Pandas, Numpy.Achieved an accuracy rate of 98%, improving operational efficiency in delivery services.
- **"Potato Disease Detection"**-
  - **Technologies:** Python , CNN , Deep Learning , Computer Vision
  - Successfully implemented a Convolutional Neural Network (CNN) based Potato Disease Detection system to accurately classify and diagnose plant diseases, contributing to improved crop management and yield optimization

**EXPERIENCE:**

- Internship at Neyveli Lignite Corporation as Data Analyst
  - Tasked with developing a machine learning model during internship.
  - Conducted thorough data cleaning, addressing 100% of missing values and eliminating 25% of irrelevant columns, leading to a more streamlined and accurate dataset.
  - Processed and analyzed over 500,000 data entries, ensuring high-quality input for the machine learning model
  - Successfully built a model achieving an outstanding accuracy rate of 98%.
  - Demonstrated proficiency in data preprocessing and model development.

**ADDITIONAL QUALIFICATIONS / CERTIFICATIONS:**

- Got **SQL (ADVANCE)** certificate from HackerRank
- Got **PYTHON (ADVANCE)** certificate from HackerRank
- Got **PROBLEM SOLVING (ADVANCE)** certificate from HackerRank

**ACHIEVEMENTS/AWARDS:**

- Ranked **23000th** in SQL worldwide.
- Cleared the Wipro Future Skill Exam.

**SKILLS:****Technical Skills:**

- Programming Languages: Python, SQL
- Tools and Technologies: MS Excel, Pandas, NumPy, Tkinter
- Machine Learning & Deep Learning: Regression, Classification, Clustering, CNNs
- Data Structures & Algorithms: Strong understanding
- Object Oriented Programming (OOPS)

**Soft Skills:**

- Communication & Collaboration: Excellent communication, effective documentation, and teamwork.
- Problem-Solving: Strong analytical and problem-solving skills with a data-driven approach.
- Detail-Oriented & Organized: High attention to detail and organizational skills.