ESWAR VARUN S

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Skills

- **Databases**

  MySQL , SQL Plus, MongoDB
- **Programming Languages**

  Python, C, R Studio, Java, HMTL, CSS, JavaScript
- **Technical Skills and Data Visualization**

  Data Analysis Libraries: Pandas, NumPy

  Machine Learning Libraries: Scikit-learn (sklearn), TensorFlow, Pytorch

  Visualization Libraries: Matplotlib, Seaborn

  BI Tools: Power BI, Tableau

Experience

- **Qantler Technologies, Internship, Aug'23 – Sep'23**

Web development internship, creating responsive UI components, enhancing user experience, and collaborating with a team to build dynamic web applications.

- **SmartInternz, Generative AI with Google's Vertex AI, Jun'24-Jul'24**

Developed the **'codeXchange'** project during a Gen AI internship in Google's Vertex AI under SmartInternz, focusing on advanced AI model deployment and integration for code translation and optimization

Education

- B.Tech in Electronics and Computer Engineering , VIT Chennai, India, 2021 – 2025, (CGPA:8.45)
- Senior Secondary Education (XII), Srimathi Sundaravalli Memorial School, Chennai, India - 2021 (Score-88%)
- Secondary Education (X), Srimathi Sundaravalli Memorial School, Chennai, India - 2019, (Score-88%)

Projects

- **Parkinson's Disease Prediction Model:**

  Tech Stack:
  - Programming Languages: Python
  - Libraries and Frameworks: Pandas, NumPy, XGBoost, Scikit-learn, Joblib
  - Tools: CSV for data handling, Jupyter Notebook for development

  Developed a high-accuracy XGBoost model to predict Parkinson's disease from patient data,achieving94% accuracy. Features real-time user input for immediate predictions and actionable insights for early diagnosis and personalized healthcare.
- **Water Quality Predictor:**

  Tech Stack:
  - Programming Languages: Python
  - Libraries: Pandas, NumPy, Scikit-learn, Matplotlib

  Built a Random Forest model to predict water potability based on quality parameters, including data preprocessing and visualization.
- **Financial Performance Dashboard:**

  Tech Stack:
  - Data Visualization Tools: Power BI
  - Data Sources: Financial reports, Excel sheets, and SQL databases containing financial data

  Developed an interactive Financial Performance Dashboard using Power BI to visualize and analyze key financial metrics, providing insights into revenue trends, profit margins, and overall company financial health.

Certifications

- AWS cloud Practitioner
- Google Generative AI Applications using Vertex AI - SmartInternz
- Deep Learning with TensorFlow, Pytorch- Guvi
- PowerBI, Tableau – Guvi
- Data Analytics using Pandas, Numpy- Guvi

Others

- **National Science Olympiad:** Bronze Medal in National Science Olympiad (NSO) conducted in the year 2019
- **Fitness Club VITC:** Organized and conducted multiple health and fitness events on campus being a member of the Club's Management Team
- **Volunteer Teacher:** Introduced and created awareness about embedded systems and related career opportunities to students at Manali Government School.