

Ms. Avula Varshini

Nellore, Andhra Pradesh, India

avulavarshini01@gmail.com

LinkedIn

GitHub

+91-8885433919

Objective

I'm a passionate software developer with a knack for coding, problem-solving, and turning ideas into meaningful solutions. Always eager to learn and grow, I'm looking forward to working on exciting projects and contributing to impactful innovations.

Education

Indian Institute of Information Technology Design & Manufacturing, Kancheepuram

B.Tech in Computer Science and Engineering
CGPA: 8.82

Expected Graduation: 2027

Relevant Coursework:

- Programming and Problem Solving
- Data Structures and Algorithms
- Discrete Structures
- Design & Analysis of Algorithms
- Object-Oriented Programming
- Database Management Systems

Technical Skills

Programming Languages: C, C++, Python, SQL, HTML, CSS, JavaScript

Technologies: NumPy, Pandas, Matplotlib, Scikit-Learn, Streamlit, Plotly

Tools: VS Code, Jupyter Notebook, Git & GitHub, Excel

Soft Skills: Problem-Solving, Communication, Collaboration, Critical Thinking

Projects

Loan Default Prediction Challenge

Tools/Technologies: Python, Jupyter Notebooks

Constructed an end-to-end machine learning model to forecast loan defaults from actual data. Completed data loading, cleaning, analysis, visualization, and model creation, with competitive prediction accuracy achieved in the competition.

Interactive Data Dashboard with Streamlit and Python

Tools/Technologies: Python, Streamlit, Pandas, Plotly

Constructed interactive data dashboards with Streamlit and Python. Handled data with Pandas, made interactive visualizations using Plotly, and built an entire functional dashboard web application using little code.

Digital Wallet System

Tools/Technologies: C++

Created a Digital Wallet System based on OOP concepts in C++. It facilitates user registration, money transfers, account combining, and tracking of transactions.

Currency Converter

Tools/Technologies: HTML, CSS, JavaScript

Created a responsive web-based currency converter program that enables the conversion of sums between various currencies.

Certifications

- The Joy of Computing using Python - NPTEL
- SQL (Intermediate) – HackerRank
- SQL (Basic) – HackerRank
- HTML, CSS, and JavaScript - IBM

Leadership and Extracurricular Activities

- IEEE Student Member
- Coordinator - Developer's Club IIITDM
- Coordinator - SAC Academic Affairs IIITDM
- Member - DARC Committee IIITDM
- Class Representative - IIITDM
- Volunteer - Training and Placement Cell IIITDM
- Coordinator - Social Service Group IIITDM
- Coordinator - Red Ribbon Society IIITDM