Villuri Sasi Vardhan

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Career OBJECTIVE

I am a dedicated Computer Science student with a passion for software development and machine learning. I have experience with machine learning projects and have published a book chapter on related topics. Proficient in Python, SQL, and web development technologies, I enjoy solving complex problems and aim to enhance my skills further in a dynamic and challenging work environment.

Educational qualifications

B. Tech- Dadi institute of engineering and technology	sept 2022 - June 2025
Bachelors of Technology in Computer Science Engineering	70%
Diploma- Government polytechnic Pendurthi	July 2019 - June 2022
Diploma in mechanical Engineering	78%
SSC-Ravindra Bharathi School	9.3

Certifications

- Certified in Python for data Science by IBM
- Certified in SQL by IBM
- Certified in HTML & CSS by Infosys spring Board
- Certified in Azure fundamentals by Microsoft
- Certified in Joy of computing with python by Nptel
- Certified in JavaScript by edx
- Certified in Python for Data Visualization by Accenture

TECHNICAL SKILLS

Programming Languages	Python, JavaScript
Frontend Technologies	HTML5, CSS3
Database	SQL
Version Control System	Git, GitHub
Other Skills	Ms Excel, Ms Word, Power BI
Soft Skills	Strategic Thinking, Data-driven decision making, Diplomacy

Internships

Cyber Security virtual internship by Aicte	dec 2022 – feb 2023
Process Mining Virtual internship by celonis	may 2023 – July 2023
Ai-ml engineer virtual internship by Datapro	may 2024 – July 2024
Data Engineer virtual internship by AWS	Aug 2024 – oct 2024
Ai-ml engineer virtual internship by Google	oct 2024 – dec 2024

Workshops

- Participated in 1 week skill development program on Aws ACADEMY CLOUD FOUNDATIONS conducted by APSSDC.
- Participated in 1 week skill development program on GIT & GITHUB conducted in Dadi institute of engineering and technology.

Mini-PROJECTS

Personal Portfolio website

- Designed and developed a A responsive, modern portfolio website showcasing my web development skills and projects. It features a clean design, interactive elements, and highlights both front-end and back-end technologies.

Loan-Approval System

- Developed a machine learning model for loan-approval System by Training and evaluating the model on historical data using Python.

Projects

Transport Demand Prediction System

- Designed and developed a machine learning model for predicting system for ticket booking using historical data by training and evaluating the Regression model(Random Forest with Cross-Validation). Data Cleaning and Preprocessing are performed on the data using Pandas and NumPy. Identified and visualized patterns in data using Matplotlib and Seaborn. Implemented Random Forest Cv algorithmn using Scikit-learn and TensorFlow.

ACHIEVEMENTS

- Published a book Chapter on Transport Demand Prediction System.
- Qualified in Tcs ion-Nqt with 86%.

PERSONAL PROFILE

- Date of Birth: 30/12/2003
- Gender: male
- Religion: Hindu
- Nationality: Indian
- Languages Known: English, Telugu, Hindi