Anudeep Yadla

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Objective

Computer Science student specializing in Data Science, with practical experience in data analysis, machine learning, and web development, and a strong interest in crafting user-friendly, intuitive web experiences. Strong programming foundation, quick learner, and team player passionate about building impactful, user-focused solutions. Seeking opportunities to apply technical skills, tackle real-world challenges, and make meaningful contributions in a dynamic, growth-oriented environment.

Education

B.Tech – Computer Science and Engineering (Specialization: Data Science)
Aditya College of Engineering & Technology, Surampalem
2022 – Present | CGPA: 8.42

Intermediate – MPC
Sri Chaitanya Jr College, Tuni
2020 – 2022 | Percentage: 94%

SSC
Sri Sarada Vidyalayam, Annavaram
2019 – 2020 | Percentage: 95%

Skills

Programming Languages	Python, Java
Frontend Development	HTML, CSS, JavaScript, React
Data Science Tools	Pandas, NumPy, Scikit-learn, Jupyter Notebook, Visual Studio Code
Machine Learning Techniques	Data Preprocessing, Data Visualization, Model Evaluation, Natural Language Processing
Databases	MySQL, SQLite, MongoDB
Version Control	Git, GitHub
Professional Skills	Team Collaboration, Problem Solving, Leadership, Time Management

Projects

Heart Disease Prediction Project: [Github]

Tech Used: Python, Machine Learning, Scikit-learn, Seaborn

- Built and optimized machine learning models to predict heart disease from clinical data, achieving up to 95% accuracy.
- Performed data analysis and visualization to identify key medical features influencing predictions.
- Compared model performance using metrics and visual tools to derive actionable insights.

Sentiment Analysis Project: [Github]

Tech Used: Python, NLP (TextBlob, SpaCy, NLTK), Matplotlib, Seaborn

- Analyzed Flipkart customer reviews using NLP techniques to classify sentiments as Positive, Neutral, or Negative.
- Extracted polarity and subjectivity scores to derive insights for data-driven decision-making.
- Visualized sentiment trends through bar charts, pie charts, word clouds, and scatter plots.

Personal Portfolio Website

Tech Used: HTML, CSS, JavaScript

- Designed and developed a responsive personal portfolio website to showcase skills, projects, education, and contact information.
- Added interactive sections like About Me, Projects, Skills, and Contact to improve navigation and user experience.
- Applied custom styling and effects to enhance visual appeal and engagement

Text-to-Speech Converter Project: [Github]

Tech Used: HTML, CSS, JavaScript, Web Speech API

- Built a responsive web application that converts user input text into speech using the Web Speech API.
- Designed a user-friendly and accessible interface with input validation and error handling for empty fields.
- Implemented dynamic button behavior to indicate when speech is active, enhancing interactivity and usability.

One-Stop Shop for Online Purchases: [Github]

Tech Used: HTML, CSS, JavaScript, Node.js, Express, MongoDB, PHP, Postman

- I led a team in building a full-stack e-commerce website that supports user registration, product browsing, and cart management.
- I focused on frontend development and team coordination, ensuring a smooth UI and integration with backend APIs.
- This project improved my skills in leadership, frontend coding, and full-stack development.

Experience

Data Science Intern ***(June 2024 – August 2024)***

Main Flow Services and Technologies

- Developed and deployed data-driven models using Python for predictive analytics and actionable insights.
- Processed and analyzed large datasets with Pandas and NumPy, improving data quality through effective feature engineering.
- Visualized key trends and patterns using Matplotlib and Seaborn to support data-driven decision-making.
- Collaborated remotely with mentors and peers, strengthening technical problem-solving and communication skills.

Artificial Intelligence & Machine Learning Intern ***(May 2024 – June 2024)***

Andhra Pradesh State Skill Development Corporation (APSSDC)

- Developed and evaluated machine learning models using Python while applying key AI/ML concepts through the IBM SkillsBuild platform.
- Performed sentiment classification on text data using NLP techniques such as polarity and subjectivity analysis, alongside feature engineering.
- Visualized model performance and data trends using Matplotlib and Seaborn, while collaborating remotely with peers and mentors to enhance problem-solving and communication skills**.**

Web Development Intern ***(May 2025 – June 2025)***

VaultofCodes

- Designed and developed responsive web applications using HTML, CSS, JavaScript, and React, focusing on user interface and accessibility**.**
- Implemented dynamic features like speech synthesis using the Web Speech API and form validation for better user interaction.
- Built structured, multi-sectioned websites with smooth navigation and reusable components using React.
- Enhanced frontend performance and styling using custom CSS and React best practices, improving layout responsiveness and user engagement.

Workshops & Training

- Participated in a **2-day Data Science workshop** conducted by *IIT Bombay* at **JNTU Kakinada**, gaining exposure to real-world applications and case studies.
- Attended a **1-week Android Development** and **1-week Data Science using Python** workshops organized by **APSSDC**, with a focus on hands-on implementation and core concepts.

Certifications

- Web Development (HTML, CSS, JavaScript & React) – **Udemy**.
- Data Science 101 – **IBM**.

Achievements

- Achieved "Elite" grade in NPTEL's Introduction to Machine Learning (top 10% of candidates nationwide) – **NPTEL**.
- **Smart India Hackathon (SIH):** Selected at the campus level for proposing a wearable-band solution enabling real-time emergency response in the Women Safety domain.