RENU VYSHNAVI BODDAPATI

VIJAYAWADA,AP, 521137 • 8919251499 • renuvyshnavi.boddapati8@gmail.com
www.linkedin.com/in/renu-vyshnavi-boddapati-013098

PROFESSIONAL SUMMARY

Motivated and detail-oriented Jr. Machine Learning Engineer with hands-on experience in data analysis, machine learning, and Python-based development. Proficient in using Pandas, NumPy, and data visualization tools to extract insights and build predictive models from real-world datasets. Strong foundation in exploratory data analysis (EDA), data preprocessing, and supervised learning algorithms. Adept at solving analytical problems and presenting data-driven solutions. Eager to contribute my knowledge and continue learning in a collaborative and dynamic environment.

WORK EXPERIENCE   Feb 2025 - Present

Jr. Machine Learning Engineer , Maganti IT Resources

- Performed Exploratory Data Analysis (EDA) on diverse datasets to identify trends, outliers, and actionable insights using Python, Pandas, and NumPy.
- Applied machine learning algorithms (e.g., linear regression, decision trees, SVM) for building predictive models.
- Worked on real-world datasets to clean, preprocess, and transform data for better model performance.
- Developed data visualizations to communicate analytical results clearly using Matplotlib and Seaborn.
- Gained hands-on experience with the end-to-end data analysis workflow including data cleaning, feature engineering, model training, and evaluation.
- Collaborated in a learning-focused environment to build a strong foundation in Data Analysis and Machine Learning concepts and tools.
- Developed a machine learning model for binary classification to predict introverts vs. extroverts. Worked on data preprocessing, exploratory data analysis (EDA), feature engineering, model training, and evaluation.

EDUCATION

Bachelor of Technology in Electrical and Electronics Engineering   **2020 – 2024**

Prasad V Potluri Siddhartha Institute of Technology - CGPA : 8.18

Board of Intermediate Education   **2018 - 2020**

Narayana Junior College - CGPA : 9.63

Secondary School of Engineering   **2017 - 2018**

Montessori High School - CGPA : 9.8

INTERNSHIPS

- **APSCHE-SkillDzire: Long-term internship in Electrical Vehicle(2024):** Completed internship on Electric Vehicle (EV) technologies, exploring battery systems, hybrid & fuel cell vehicles, charging standards, and their role in clean energy transition.

- **APSCHE-Edunet: Artificial Intelligence and Machine Learning (2023):** Gained hands-on experience in AI and ML, building a strong foundation in key terminologies, concepts, and practical applications. Engaged in interdisciplinary discussions and research, enhancing knowledge in the field. Applied AI/ML techniques to real-world problems, furthering the ability to contribute to complex technological advancements.

- **Pantech e Learning: Image to Text to Speech using Python (2022)**: Developed an algorithm to detect, localize, and extract horizontally aligned text from images with complex backgrounds. Focused on ensuring the extracted text was clear and readable, and implemented a solution to convert it into speech. Contributed to multimedia content retrieval by combining image processing with speech synthesis.

SKILLS

- Programming Languages: Python, Data Structures, C, Data Analysis, Machine Learning.
- Core: Power Electronics, Electrical Vehicles, Control Systems, Renewable Energy Resources.
- Technologies: Business Analytics, Project Management Tools.
- Software Tools: Microsoft Excel, Microsoft PowerPoint, Google Workspace.
- Strategic Planning.
- Analytical Thinking.
- Leadership and Team Collaboration.
- Effective Communication.
- Time Management.

ADDITIONAL INFORMATION

- **Infosys Spring Board:** Business English, Developed proficiency in Business English, focusing on communication skills essential for professional environments. Gained expertise in writing, speaking, and understanding business-oriented content.
- **Spoken Tutorial:** Python 3.4.3, HTML, Arduino Completed online tutorials in Python 3.4.3, HTML, and Arduino. Acquired practical skills in programming, web development, and embedded systems design.
- **Internshala:** Programming in C and C++, Data Science: Completed a comprehensive course on C and C++ programming.
- **Microsoft:** MS-203, Earned certification in MS-203, focusing on Microsoft 365 workload management and administration.
- **Skill-up:** Python, Completed the Skill-up course in Python, focusing on Python programming concepts and applications. Enhanced problem-solving skills through hands-on coding exercises.
- **Cognitive Class:** Python for Data Science, Learned Python fundamentals and applied them to data science workflows.
- **Cognitive Class:** Data Analysis with Python, Gained practical skills in analyzing, visualizing, and interpreting data using Python libraries.

ACHIEVEMENTS

- Consistently achieved high academic performance throughout educational career.
- Successfully completed a significant internships in a leading tech companies.
- Secured 3rd prize in Poster Presentation on Emerging Technologies in Electric Vehicles.

EXTRA CURRICULAR ACTIVITIES

- Member Of NSS Club, PVPSIT and actively participated in various activities like Blood Camps, Collection of clothes to the needy.
- Took part in Azadi Ka Amrit Mahotsav.
- Participated in Technical Quiz, Quizophile, Pictorial Quiz at PVPSIT-SITAR2K22.
- Participated in JAM, Project-Expo at PVPSIT-SITAR2K23.
- Organized an event of Project-Expo.
- Participated in Sports in College Level.
- Participated in Innovative Idea and Technical JAM on Engineer's Day.
- Participated in Technical Quiz on eve of Faraday's Birthday.
- Given awareness to ZPHS Government School students on Energy Conservation by Utilizing Certified Appliances.

LANGUAGES

- English.
- Telugu.
- Hindi.

PROFESSIONAL SOCIETIES

- Student member in SESI.
- Student member of ISTE.
- IEEE student member.
- Student member in IEEE Power & Energy Society.
- Student member in IEEE Women Engineering.

DISCLAIMER

I solemnly declare that all the above information is true to the best of my knowledge and belief.