BODDU NETHAJI SIMHA

Aspiring AI/ML Engineer

+91 9110715355 | netajisimha143@gmail.com | Dachepalli, Palnadu, Andhra Pradesh, 522414 |
GitHub: https://github.com/boddunethaji | LinkedIn: https://www.linkedin.com/in/boddu-nethaji-simha/ |
Portfolio: https://boddunethaji.github.io/Portfolio/

SUMMARY

Recent graduate in Information Technology with a strong foundation in software engineering, coding, and problem-solving. Committed to delivering high-quality solutions through meticulous attention to detail and a collaborative mindset. Eager to transition into a professional role where I can apply my skills, learn from seasoned professionals, and make meaningful contributions to impactful projects.

WORK EXPERIENCE (Internships)

Trainee Engineer Intern, Ajai Robotics   **Jun 2024 - Jul 2024**

- Developed and enhanced front-end interfaces using Vue.js, improving user experience and interface responsiveness
- Collaborated with the development team to integrate front-end components with back-end systems.
- Contributed to the design and implementation of UI/UX elements, ensuring alignment with project requirements.

Trainee Engineer Intern, Nala Robotics   **Nov 2023 – May 2024**

- Collected and curated datasets from various online sources for machine learning model training.
- Prepared and organized datasets using data captured from CCTV cameras.
- Trained machine learning models using Ultralytics, focusing on real-time object detection and recognition.
- Analyzed model performance, comparing results against real-time data to refine accuracy and reliability.

Trainee Engineer Intern , Nala Robotics   **May 2023 - Jun 2023**

- Collected and curated datasets from various online sources for machine learning and data analysis.
- Completed data labeling to ensure accurate model training and analysis.
- Prepared detailed product analysis sheets to support decision-making and strategy development.

TECHNICAL SKILLS

Programming: Python, Java, SQL, HTML.

Machine Learning: Scikit-learn, TensorFlow, PyTorch, Training Models (YOLO).

Tools and Frame-works: Hadoop, Labelme , Labellmg, Vs Code, Google Colab, Github.

AWS Services: EC2, IAM, AWS - CLI, Route 53, S3-buckets, VPC and Databases.
Data Visualization: Matplotlib, Seaborn, Plotly

EDUCATION

Jan 2021 - Apr 2024

Bachelor of Technology in Information Technology
Usha Rama College of Engineering and Technology,Telaprolu.

- Aggregated with 7.69 CGPA

Board of Intermediate Education, AP   **Jun 2018 – Mar 2020**
A.P Model School & Jr. College, Dachepalli.

- M.P.C (Mathematics, Physics and Chemistry)
- Aggregated with 8.17 CGPA

A.P Model School & Jr. College, Dachepalli.

- Aggregated with 8.5 CGPA

PROJECTS

i) **Name**: **Pose Estimation of Peoples using CV2**

   Team size: 1

   Role played: developer

   Project Description: Estimating the poses of a person and images through Machine Learningmodels. In this we can estimate and describe the pose of the person. The pre-processing and classification was done by Tensorflow library and plotting of pose's was done by matplot library

ii) **Name: Car Booking Forecast**

   Team size: 1

   Role played: developer

   Project Description: The aim of the project is renting a cab automated and counting the bookedcars data as hourly, monthly, yearly and by seasons. In this project we use Machine Learning libraries pandas,scikit-learn for data classification and for plotting we use the matplot library.

iii) **Name: Cloud Storage based on three-layer security**

   Team size: 4

   Role played: Back-end developer

   Project Description: Creating a website and launching in AWS cloud using EC2 Instances and using IAM service for Authentication and Authorization and AWS – CLI for server-side encryption. Inthis project we have to create the certifications for website and validate them using RSA and SHAencryption algorithms

ADDITIONAL INFORMATION

- **Certifications:** NPTEL (DATA SCIENCE FOR ENGINEERS), AWS CLOUD VIRTUAL INTERNSHIP, AI-ML VIRTUAL INTERNSHIP
- **Achievements:** Participated in A 3 - Day Workshop & 24-Hour HACKATHON on Amazon Web Services & DEVOPS - have won 'First Prize' in "WORKSHOP" held on July 17, 2023 to July 21,2023 at Usha Rama College of Engineering and Technology, Telaprolu.
- **Accomplishment:** Participated in and cultural events in school and college level Competition& State level Vocational course competitions