NANCY **BIYAHUT**

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SUMMARY

I'm a dynamic Computer Science Engineer with a flair for AI/ML, leading by example to solve intricate challenges. My prowess in strategic thinking and passion for cutting-edge tech fuels my mission to create ingenious solutions. Thriving in leadership, I drive collaborative success while exploring novel frontiers at the intersection of AI/ML and technology.

EDUCATION

Nitte Meenakshi Institute of Technology

Bachelor's Information Science Engineering
8.99CGPA 2020 – 2024

SKILLS

- Python and Django based backend Development
- Data Structures and Algorithm in C++
- Machine Learning
- HTML CSS JavaScript
- MongoDB , Hadoop
- Linux and networking
- Database Management System : MySQL

ACHIVEMENTS

ML lead and Co-Lead at Google Developers Students Club ,NMIT

- Have successfully coordinated workshops and sessions for the juniors on basics for Machine learning , Google Colab , Tensorflow etc, with 200 students participation.

Won "GirlGeek Hackathon "

- A national level hackathon conducted at BMSIT college of Engineering , titled as "AI for social good" with 3 teammates

PROFESSIONAL EXPERIENCE

Project Intern

Oracle Financial Software Services | 2023

- Collaborated on Anti-Money Laundering services tailored for financial institutions, effectively flagging and mitigating fraudulent transactions.
- Utilized multiple anomaly detection algorithms to analyze large datasets, achieving an impressive accuracy rate of 97%.

PROJECTS

AcneNet - CNN model for grading face acne in real time

- Performed exploratory data analysis (EDA) on acne images dataset, employing data augmentation to expand it to 1000 images.
- Implemented a 7-layer Convolutional Neural Network (CNN) using TensorFlow and Keras API, achieving accurate predictions across three levels of skin damage.

HabbitGQ - efficient habit tracking

- Engineered a Google Calendar API-based habit tracker utilizing Django and Python.
- Implemented a seamless user experience, enabling users to commit to habits directly on the platform, with automated time blocking on their Google Calendar.

Bookzilla - recommendation system for books

- Developed an engaging book recommendation system using Django and Python, featuring user authentication for personalized experiences.
- Implemented a K-Nearest Neighbors (KNN) algorithm on a standard book dataset to provide tailored book recommendations for users.