Nidhish Zanwar
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BTech
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EDUCATION

Examination	University	Institute	Year	CGPA /%
Graduation	NIT Warangal	NIT Warangal	2024	7.34

EXPERIENCE

Salesforce DevOps Intern |_Alcon Global Services_   05/23-07/2023
Alcon Inc. is a Swiss-American pharmaceutical and medical device company specializing in eye care products

Approach	• Grasped the working of **Agile** methodology & Scrum framework & hands-on experience on **JIRA** • Examined **20+** deployment errors occurred during deployment using previous deployment stats • Assisted in data management activities in Alcon Salesforce Sandboxes using SOQL and Excel;
Impact	• Documented deployment errors along with resolutions for future references; Synchronized **50+** user stories across various environments reducing **15%** deployment time.

Machine Learning Intern | Inmoviduo Technologies   01/12/2021-1/2/2022
- Innovated a **90% accurate** facemask recognition model through **OpenCV** and Deep Learning algorithms
- Worked on a developing a system to detect **7+** different types of human emotions using images and videos
- Achieved **5%** overall increment in model performance via **hyperparameter tuning** and **image augmentation**

KEY PROJECTS

Wine Quality Prediction Model |_Self Project_
- Developed **CI/CD pipelines** using GitHub Actions and **deployed on AWS (EC2)** for real-time predictions.
- Managed **version control** on GitHub, proficient in Python, Scikit-Learn, Flask, AWS, & CI/CD practices
- Implemented **logging** and **tagging** for model monitoring and traceability and accurate predictions

Emotion Detector| _Inmoviduo Technologies_
- Engineered a emotion recognition system using **Deep Learning** models recognizing **7+** different emotions.
- Performed thorough data preprocessing and augmentation, resulting in a model accuracy of **95%**.

YouTube API Analysis| _Self Project_
- Utilized **YouTube API v3** to extract & analyze diverse channel data, enabling comprehensive insights into content trends & performance of **3** different channels across the finance domain.
- Extract crucial playlist & channel IDs to gather comprehensive insights essential for thorough evaluation
- Conduct intricate and **advanced Exploratory Data Analysis (EDA)** to unveil intricate trends, patterns, analytics

POSITIONS OF RESPONSIBILITY

Joint Secretary | Robotics Club NITW 2020   2020-2022
- Resolved issues of **10+** teams participating in the SIH hackathon regarding problem statements and sources
- Spearheaded a **4** membered team in e-Yantra **Robotics** Competition held by **IIT Bombay**

Volunteer Treasurer | SpringSpree NITW   2022-2023
Part of **23** membered core team for NIT Warangal Annual Festival | **50+ events**| Annual Budget: **4M+**|Footfall:**10k+**
- Budgeted financial operations for **19+** diverse fest events, overseeing the collections and transactions
- Ensured streamlined financial management & successful execution of event through meticulous planning

TECHNICAL SKILLS

- **Languages & Frameworks**: Python | C++| SQL | HTML| CSS| JavaScript | React | Flask| Django | SQL
- **ML /DL Algorithms**: Linear/Logistics Regression | Clustering |LSTM | PCA | Time Series | Decision Tree| ANN
- **Tools**: MS Excel | Power Point | Tableau | PowerBI | PySpark | Jupyter Notebook| VS Code |
- **Libraries**: Pandas | Numpy | Matplotlib | Seaborn | Scikit-learn | NLTK | Tensor flow |PyTorch | OpenCV

ACHIEVEMENTS

Scholastic Achievements	• Completed BTech in Electrical and Electronics Engineering at NITW| Secured **99.20 Percentile** in JEE Main| IEEE EMB Society Treasurer *['23]* | • Honored by **President Of India** for representing nation in SIP International Competition
Competitions	• Ranked **1st** out of **44** the teams participated in BYTE hackathon held by Unstop & Innovation Garage NITW • Placed among top **3** teams at the Switched Pitch competition held during E-Summit 2024 at NITW.