Venkata Subramanyam Rallabandi

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INTRODUCTION

Computer Science undergraduate with hands-on experience in AWS, Java. Proficient in building cloud-based applications, automating CI/CD pipelines, and developing UI/API test automation using Selenium and Rest-Assured with strong understanding of software engineering principles.

EDUCATION

MohanBabu University   June 2022 - May 2026
B.Tech Computer Science and Engineering   *GPA: 8.4/10.00*

Narayana Junior college   July 2020 - April 2022
BIEAP, Class 12th   *Percentage: 78%*

Narayana E-Techno School   June 2019 - May 2020
stateBoard, Class 10th   *Percentage: 100%*

SKILLS

Technical Skills:Java, Python, C, Data Structures and Algorithms, OOPS, SQL, Github,TensorFlow, PyTorch, CNN, Neural Networks,HTML,CSS,Java script.

Cloud & DevOps: AWS (EC2, S3, RDS, CloudWatch, Route53, VPC), Docker, Jenkins, Terraform, Linux, Flask, Streamlit

Certifications:Sales force-AI Associate,Oracle cerfied Cloud Infrastructure

PROJECTS

Handwritten Digit Recognition using CNN | *Python, Keras, TensorFlow, MNIST*   July 2023 - Sep 2023
- Built a CNN model to classify handwritten digits from the MNIST dataset.
- Integrated Selenium-based UI test automation and Rest-Assured API tests into Jenkins for continuous validation in production-like environments.

Drugs Recommendation Based on User Diseases | *Python, scikit-learn, TF-IDF, Word2Vec, Logistic Regression, SVM* Feb 2024
- Developed a machine learning-based drug recommendation system that suggests optimal medicines based on user-input diseases.
- Applied TF-IDF, Word2Vec, and classification models (Logistic Regression, SVM) to analyze patient reviews and enhance prescription accuracy.

Customer Churn Prediction | *Python, Pandas, NumPy, scikit-learn, Matplotlib, Jupyter Notebook* Feb 2024 - May 2024
- Built a machine learning model to predict customer churn using telecom user data and behavioral patterns.
- Applied Logistic Regression and Random Forest classifiers, achieving 89 accuracy with insights from feature importance and EDA.

EXPERIENCE

Intern pe Ltd.   December 2023 - January 2024
Web Development Intern   *Remote*
- Developed responsive front-end components using HTML, CSS, JavaScript, and Bootstrap to improve user interface and accessibility.
- Integrated APIs and dynamic content to enhance user experience and increase engagement.
- Collaborated with backend team and followed Agile methodology for efficient sprint-based development.

ACHIEVEMENTS

- Runner Up in Pentathon Hackathon Competition