Prudviraj Renukuntla

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PROFILE

Detail-oriented and highly motivated Electronics and Communication Engineering graduate with a strong foundation in software testing methodologies, including manual and automated testing. Knowledgeable in writing test cases, executing test plans, identifying bugs, and ensuring software quality. Proficient in tools like Selenium, JIRA/Scrum, and TestNG, with hands-on experience through academic projects. seeking to leverage my skills in a dynamic QA team and grow as a Software Test Engineer in a fast-paced environment.

EDUCATION

Bachelor of Technology in Electronics and Communication 06/2018 – 06/2022
Anurag Group of Institutions Hyderabad, India
CGPA - 6.5

TSWRS Junior College 06/2016 – 03/2018
Percentage - 82% Karimnagar, India

TSWRS School 06/2016
CGPA - 8.8 Karimnagar, India

SKILLS

Testing Principles: Manual Testing, Automation Testing, Test Coverage Analysis, SDLC, STLC, Database Testing, CI/CD.
-Languages: Java, Python, Object Oriented Programming (OOPs)
-Web Development: HTML, CSS, JavaScript.
-Frameworks & Tools: Selenium, Appium, TestNG, JIRA, Postman, REST APIs.
Operating System: Windows, Multisim, Linux.
Database: MySQL/NoSQL.
Data Analysis: Excel.
Soft Skills: Problem-solving, Analytical Thinking.

PROJECTS

SPEECH EMOTION RECOGNITION USING MACHINE LEARNING 03/2022 – 05/2022

- Developed a machine learning model to recognize emotions from speech. Implemented feature extraction techniques and trained classifiers to accurately identify emotions such as happiness, sadness, anger, and surprise. Enhanced the model's accuracy through data preprocessing and parameter tuning, demonstrating skills in machine learning, audio processing, and data analysis.
- Technologies: Python, Matplotlib, NumPy, Pandas, DL/CNN.

SMART TRAFFIC MANAGEMENT USING IOT 10/2021 – 11/2021

- Developed a system using IoT technology to optimize traffic flow and reduce congestion. Implemented real-time monitoring with sensors and cameras, dynamic traffic signal control, and incident detection.
- Technologies: Python, Embedded System, JavaScript. React.js.

CERTIFICATES AND ACHIEVEMENTS

Python For Everybody
Coursera

Participated PCB workshop at college level Ghatkesar
Anurag Group Of Instituions

Certified in SQL and Relational Databases
IBM