Supraja Masanpally

+91 7995731183 | suprajamasanpally@gmail.com | linkedin.com/in/Supraja Masanpally/ |
github.com/suprajamasanpally

Objective

I recently graduated and am eager to start my career in a technology-focused corporate environment, aiming to collaborate with professionals and grow through challenging roles and continuous learning.

Education

CMR Technical Campus Medchal, India
Electronics and Communication Engineering, CGPA-7.83/10 *2019 - 2023*

Vishwateja Junior College Medchal, India
Maths, Physics and Chemistry, CGPA-9.5/10 *2017 - 2019*

Skills

Programming Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks: Frappe, React, Node.js
Developer Tools: Git, GitHub, Google Cloud Platform, VS Code, IntelliJ IDEA, Power BI, Google Colab, Streamlit
Familiar: Figma, Atlassian, Jira, Confluence
Libraries: Pandas, Numpy, Matplotlib, scikit-learn, Seaborn, Chart.js
Soft Skills: Problem-Solving Skills, Creative, Analytical Skills, Communication Skills
Languages Known: English, Telugu, Hindi

Experience

Machine Learning Intern Apr. 2024 – Jul. 2024
CodeAlpha - CodeAlpha leads in Ed-Tech, the country's quickest-growing pro training platform. *Hyderabad, India*

- Implemented data preprocessing techniques for efficient data handling in a music recommendation system.
- Utilized TF-IDF vectorization and cosine similarity to generate personalized music recommendations.
- Analyzed passenger data to identify key factors affecting survival rates for a Titanic survival prediction model.
- Developed a predictive model to estimate the likelihood of survival based on specific criteria
- Conducted data preprocessing and feature engineering to prepare datasets for a credit scoring model.
- Created a credit scoring model to predict creditworthiness using machine learning algorithms.

Associate Bard Sept. 2023 - Jan. 2024
Wipro *Hyderabad, India*

- Conducted comprehensive reviews and analyses of questions and answers to identify and mitigate potential harmful content, ensuring compliance with company guidelines and industry standards.
- Verified content accuracy by cross-referencing answers with 10+ trusted sources, ensuring 99.9 percent precision and enhancing user trust, resulting in a 20 percent increase in engagement
- I upheld legal and ethical standards rigorously to foster a safe and respectful environment for all stakeholders involved.

Full Stack Developer-Intern May. 2023 – Aug. 2023
Virtusa - We combine logic, creativity and curiosity to build, solve, and create. *Hyderabad, India*

- I developed a comprehensive full-stack application enabling users to manage income, expenses, budgets, savings, goals, and debts effectively.
- I designed a database model and user interface using Figma, implemented REST API endpoints with Spring Boot and MySQL, and enabled data visualization through charts and graphs using Chart.js.
- I integrated JWT token authentication using Spring Security, implemented a robust refresh token strategy, and significantly enhanced API security measures.
- Integrated JWTtoken using SpringSecurity and established are fresh token strategy, Improved API security by 40 percent.
- Implemented Redux and redux-toolkit for efficient global state management in the application.

Projects

Temperature and Humidity Sensor Sept 2022

Tools used - Arduino Uno, DHT11 Temperature and Humidity Sensor, 16*2 LCD, i2c LCD module.

- Creation of a system using an Arduino Uno to measure and display temperature and humidity levels.
- Utilization of the DHT11 sensor for capturing temperature and humidity data.
- Processing of sensor data by the Arduino for accurate readings.
- Displaying of temperature and humidity readings on a 16x2 LCD screen.
- Implementation of an I2C LCD module to ensure efficient data visualization.
- Implemented real-time data logging to record and store temperature and humidity readings efficiently.

Virtual Human Interaction System using CVLEARN Nov 2022

Language and Domain - Python and Artificial Intelligence

- Developed a virtual human interaction system using the CVLEARN framework in November 2022.
- Applied Python and Artificial Intelligence for language and domain expertise.
- Utilized computer vision to interpret hand movements, thereby replacing traditional mouse inputs with gestures.
- Integrated advanced algorithms and real-time processing techniques to enhance interaction capabilities
- Facilitated immersive and dynamic interactions within virtual environments, enhancing user engagement and experience.

Certifications and Achievements

Get Data in Power BI from Microsoft
Issued Jun 2024
Oracle Certified Associate, Java SE 8 Programmer
Issued Mar 2023
Embedded System Design from NPTEL by IIT Kharagpur
Issued Feb 2022
Software Engineering Virtual Experience from JPMorgan Chase
Issued Jul 2022
Software Engineering Virtual Experience from Goldman Sachs
Issued Jul 2022
The Technical Quiz by CMR Technical Campus
Issued Aug 2021