

# Supraja Masanpally

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## SUMMARY

I am a recent graduate eager to build a career with a leading corporate in a high-tech environment. My goal is to work alongside committed and dedicated professionals, which will help me fully explore my potential. I am enthusiastic about taking on roles as a key player in challenging and creative settings. I have always been passionate about learning new technologies and methodologies to enhance my skill set and professional experience. I am dedicated to continuous development, both personally and professionally, and am excited to contribute to and grow within a dynamic team.

## SKILLS

**Programming Languages:** Python, JavaScript, SQL, HTML, CSS

**Frameworks:** Frappe, Angular

**Developer Tools:** Git, GitHub, Google Cloud Platform, VS Code, IntelliJ IDEA, Power BI

**Familiar:** Figma, Atlassian, Jira, Confluence

**Libraries:** Pandas, Numpy, Matplotlib, scikit-learn

**Soft Skills:** Problem Solving Skills, Creative, Analytical Skills, Communication Skills

**Languages Known:** English, Telugu, Hindi

## EXPERIENCE

### Full Stack Developer-Intern

May. 2023 – Aug. 2023

*Virtusa - We combine logic, creativity and curiosity to build, solve, and create.*

*Hyderabad, India*

- Developed a Full-stack Application that allows users to track Income, Expenses, Add Budgets, Savings, Goals and Debts
- Designed database model and user interface using Figma. Implemented REST API endpoints using Spring Boot and MySQL . Enabled visualization through charts and graphs using Chartjs.
- Integrated JWT token using Spring Security and established a refresh token strategy, Improved API security.
- Implemented Redux and redux-toolkit for efficient global state management in the application.

### Associate Bard

Sept 2023 - Jan 2024

*Wipro*

*Hyderabad, India*

- Content Review and Analysis: Evaluated questions and answers for potential harmful content according to company guidelines and industry standards.
- Quality Assurance: Ensured accuracy and appropriateness of content by verifying answers against trusted sources.
- Compliance: Adhered to legal and ethical standards to maintain a safe and respectful environment for users.

### Machine Learning Intern

Apr 2024 - Jul 2024

*CodeAlpha*

*Hyderabad, India*

- Music Recommendation System - This project implements a robust music recommendation system using TF-IDF vectorization and cosine similarity to generate personalized song recommendations based on textual features, ready for integration into existing platforms or deployment as a standalone application.
- Titanic Survival rates - I successfully utilized machine learning techniques to predict Titanic survival rates, achieving an 83 percentage accuracy with a logistic regression model after thorough data exploration, cleaning, and feature engineering

## PROJECTS

### Temperature and Humidity Sensor

Sept 2022

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

- It involves creating a system to measure and display temperature and humidity levels using an Arduino Uno. The DHT11 sensor captures temperature and humidity data, which is then processed by the Arduino. The readings are displayed on a 16x2 LCD screen, connected via an I2C LCD Display module for efficient data visualization.

- Provides a practical and visual representation of environmental conditions, which can be used for various applications such as climate control, environmental monitoring, and educational purposes.

## **Virtual Human Interaction System using CVLEARN**

Nov 2022

Language and Domain - Python and Artificial Intelligence

- This project involves developing a virtual human interaction system utilizing the CVLEARN framework. The system leverages computer vision techniques to recognize and interpret hand movements, allowing users to replace traditional mouse inputs with hand gestures. By integrating advanced algorithms and real-time processing, the system facilitates immersive and dynamic interactions between users and virtual environments.

## **EDUCATION**

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### **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*

## **CERTIFICATIONS AND ACHIEVEMENTS**

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### **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*