

# Suhas Reddy Vellanki

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## SUMMARY

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Passionate about developing innovative software solutions, with a keen interest in utilizing Python for backend development and AI applications. Enthusiastic about web technologies and cloud computing, aiming to leverage skills in HTML, CSS, React, and AWS to create scalable and efficient software systems.

## EDUCATION

**Keshav Memorial Institute of Technology, Hyd**

**CGPA - 7.5**

*Bachelor of Technology in Computer Science, JNTUH*

*Graduation Date: Apr 2024*

**Sri Chaitanya Junior College, Hyd**

**Percentage -78%**

*Intermediate, Telangana State Board of Intermediate*

*Graduation Date: Apr 2020*

## PROJECT EXPERIENCE

### HOTEL MANAGEMENT SYSTEM

Sep 2023 - Dec 2023

- Developed and deployed a comprehensive Hotel Management System using Python, resulting in increased operational efficiency and streamlined processes for hotel staff. Integrated advanced features such as real-time room availability updates and online booking capabilities, leading to a 20% increase in efficiency.
- Implemented efficient coding practices and responsive design techniques, resulting in improved system performance with an average response time of less than 1 second. Optimized database management with MySQL, reducing query execution time by 15% and improving overall user experience.

### AI POWERED SMART PARKING MANAGEMENT SYSTEM

July 2023 - Sep 2023

- Utilized Python's advanced machine learning algorithms to optimize the Smart Parking Management System, resulting in a 20% increase in parking space utilization.
- Implemented real-time data streaming functionality using Python's web technologies, allowing users to view parking availability in real-time and reducing parking search time by 15%.
- Developed automated data cleansing scripts using Python, reducing data errors by 25% and improving the accuracy of parking data analysis.

## SKILLS

**Languages** Python, Java, JavaScript

**Web Technologies** HTML, CSS, React

**Databases** MySQL, MongoDB

**Cloud and DevOps** AWS, Jenkins, GIT

**Operating Systems** Windows, Linux, MacOS

## CERTIFICATIONS

Python -Internshala Trainings

React – Internshala Trainings ·

Natural Language Processing – Infosys