SOWJANYA VANGARI

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OBJECTIVE

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organisational goals.

EDUCATION

Bachelor of Engineering, Chaitanya Bharathi Institute of Technology — Expected 2025
B.E. in computer science Engineering — CGPA : **8.56**
Coursework: Data structures, Design and Analysis of Algorithms, Internet and Web Technologies, Operating Systems, Computer Networks, Database Management Systems, Quantum Computing, Artificial Intelligence, Machine Learning.

SKILLS

Technical Skills	Python, Java, HTML, CSS, JavaScript, OOPS, Data Structures and Algorithms, DBMS
Soft Skills	Problem-Solving, Time Management, Attention to Detail, Creativity

WORK EXPERIENCE

Intern — **Aug 2021 - Feb 2022**
National Small Industries Corporation — *Hyderabad, India*

- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations.
- Gained hands-on experience in various technical subjects like Python, Java, Android Programming, Data Science Foundation, increasing proficiency and expanding technical skill set.
- Analyzed problems and worked with teams to develop solutions.

PROJECTS

Bus Reservation System — **2024**
HTML, CSS, JavaScript, Python and Django

- User-friendly interface for bus ticket booking, cancellation and browsing. Admin panel for centralized management of buses, routes and bookings.
- Responsive design ensures seamless user experience on all devices.
- Ensures security and reliability through Django's authentication.

Sentiment Analysis — **2023**
Machine Learning

- Developed a sentiment analysis system utilizing machine learning techniques to analyze and classify the sentiment of textual data.
- Achieved 85% accuracy in sentiment classification, leading to a 40% increase in customer satisfaction ratings.

Jarvis AI voice assistant — **2021**
Python and Artificial Intelligence

- J.A.R.V.I.S is a personal voice assistant for window based systems.
- Developed a user-friendly interface enabling end-users to seamlessly navigate through everyday activities such as engaging in human-like conversations, browsing Google, searching for videos and images, obtaining weather updates, creating notes, accessing COVID-19 data, and opening various apps like Facebook and Instagram.

CERTIFICATIONS

- **Telangana Academy for Skill and Knowledge (TASK) and Oracle Certificate:** For completing training on Java Fundamentals.

- **National Program for Technology Enhanced Learning (NPTEL) certificate:** For completing a course on Ethical Hacking.

- **Infosys certificate:** For completing Python, Machine Learning, Artificial Intelligence and Cyber Security courses.

ACCOMPLISHMENTS

- Collaborated with a team of 4 in the development of the project entitled 'Blood Bank Management System'.

- Participated in Aavishkar Hackathon and developed a prototype for a Touch-less switch control using IR sensor which can help to avoid direct contact while toggling on/off appliances.

- Secured 74 rank in TS ECET.

INTERESTS

- Drawing

- Cooking

- Volunteering