

# Chaitra S P

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## EDUCATION QUALIFICATION

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Bachelor of Engineering (Artificial Intelligence and Machine Learning)	7.74
East West Institute of Technology (VTU University)	2026
PUC	7.51
Sahyadri PU College	2022
SSLC	9.31
Green Valley Public School	2020

## TECHNICAL SKILLS

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**BACKEND:** Python, Java (Basics)

**FRONTEND:** HTML, CSS

**DATABASES:** MySQL (Basics)

## PROJECTS

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**Air Quality Interpolation and Prediction** – Python, HTML, CSS(Basic) | [Link](#) 

- Developed a unified deep learning model that performs fine-grained air quality interpolation and future pollutant prediction.
- Integrated feature-analysis mechanisms to identify key factors driving variations in air quality

**Smart-gym** – Python, HTML, CSS | [Link](#) 

- Built an AI Fitness Coach web application using **Python (Flask), HTML, and CSS** to calculate BMI and deliver personalized fitness plans.
- Designed health tracking dashboards and progress analytics with calendar logging and rewards to improve user engagement and consistency.

## TECHNICAL PROFICIENCY

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- Skilled in **Python programming** with strong knowledge of OOP concepts, exception handling, and efficient use of data structures.
- Gained practical, hands-on experience by implementing Python concepts in real projects and solving problem-based tasks.

## INTERPERSONAL SKILLS

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- Led hostel events, gaining hands-on experience in team coordination, planning, and responsibility management.
- Strengthened communication, collaboration, and project management skills, directly contributing to effective software development teamwork.

## CERTIFICATES

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- Currently Pursuing Python Full Stack Development in Pentagon Space
- HTML, CSS
- Data Science in Python

## LANGUAGES KNOWN

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- English
- Kannada
- Telugu
- Hindi (Basics)