

SURYA JK

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ABOUT ME

Undergraduate student pursuing B.Tech in Artificial Intelligence and Data Science at Saveetha School of Engineering, passionate about using AI and data-driven technologies to solve real-world challenges. With a strong foundation in machine learning, data analysis, and tools like SQL on Oracle Cloud, I strive to grow continuously and contribute meaningfully to the field of AI.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, R	Deployment: ZOHO Cloud Deployment
Tools & Frameworks: NumPy, Pandas, Scikit-learn, Matplotlib	Others: Web Application Development, Computer Vision (OpenCV)
Database Technologies: SQL, Oracle	

PROJECTS

Virtual Assistant using Python

- Tools: Python, APIs, Speech Recognition, Text-to-Speech
- Developed an intelligent virtual assistant capable of understanding voice commands, fetching real-time data using API integration, and responding with synthesized speech.

Weather Monitoring System using Python

- Tools: Python, OpenWeatherMap API, JSON, Tkinter
- Built a real-time weather monitoring desktop application using Python that dynamically displays temperature, humidity, and atmospheric pressure by integrating OpenWeatherMap API. Designed an intuitive and responsive GUI with Tkinter, enabling users to fetch live weather updates for any location.

EDUCATION

B- Tech Artificial Intelligence and Data Science **2023 - 2027 (3rd Year)**
Saveetha Institute of Medical and Technical Sciences
(SIMATS Engineering)
CGPA: 9.0 (Current)

PROFESSIONAL CERTIFICATION

Oracle Database SQL Specialist - Oracle

ADDITIONAL INFORMATION

- **Languages:** Tamil, English
- **Achievements & Awards:** > NSO (National Science Olimpiad) Gold Medal,
> Hackathon Event Top 10 (Hackforge 25),
> Best Student Award - Tamil Thai Foundations 2025