

B Venkata Anil Kumar

Undergraduate, Class of 2027, S.R.M. Institute of Science and Technology, Chennai

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Education

B.Tech, Computer Science and Engineering (AIML) , SRM Chennai	2025–Present
CGPA: 8.88/10	
Senior Secondary , Sri Chaitanya Junior College, AP State Board	2023
Percentage: 94.3%	
Secondary , Sri Chaitanya High School, AP State Board	2021
Percentage: 100%	

Work Experience

Cybersecurity Intern – Zero Trust Cloud Security, EduSkills Foundation, Zscaler Academy (Virtual)

Jan 2025 – Mar 2025

- Completed 10-week training in Zero Trust architecture, secure access, identity management, and cloud security fundamentals.
- Gained hands-on understanding of threat prevention, access control, and Zero Trust Network Access (ZTNA).

Projects

Weather Checker and Visualizer

May 2025 – Jun 2025

- Developed a Python Tkinter application to fetch and display real-time weather data using the wttr.in API with a clean, user-friendly GUI.
- Implemented CSV-based weather history logging and automated export to Excel with integrated bar charts for temperature visualization.
- Demonstrated skills in API integration, GUI development, and Python data automation in a cohesive desktop project.

Web-Based Shortest Path Finder using Dijkstra's Algorithm

Jun 2025 – Jul 2025

- Built a web-based shortest path finder using Dijkstra's algorithm to compute and display the shortest route between two cities on a map.
- Utilized JavaScript for algorithm implementation and HTML/CSS for clean, interactive UI, rendering paths visually on map elements.
- Applied graph data structures and priority queues in JavaScript to efficiently determine minimum distance routes.
- Demonstrated skills in algorithm implementation, front-end development, and visualization through an interactive map-based project.

Certifications and Participations

- Database Structures and Management with MySQL – Meta via Coursera (Mar 2025)
- Introduction to AI and Machine Learning on Google Cloud – Google Cloud via Coursera (Dec 2024)
- Machine Learning Fundamentals – Infosys Springboard (May 2025): Learned core ML concepts including supervised/unsupervised learning and applied them using real-world datasets and model evaluation.

Extra-Curricular Activities

- Active participation in cricket and chess, fostering strategic thinking and teamwork.
- Regularly follow current affairs to stay informed.
- Committed to maintaining a balanced lifestyle through sports and continuous learning.

Technical Skills

Languages: Python, C, C++, SQL, DSA

Tools: GitHub, VS Code, LaTeX, Jupyter Notebook, Autodesk Inventor