

RITHIK S

CONTACT

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EDUCATION

B.Tech in Artificial Intelligence and Data Science

Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu

2024 – Present | CGPA: 7.5

Class XII – ISC Board Crescent Castel Public School, Ooty Percentage: 75%

SKILLS

- **Programming Languages:** C, Java, Python, HTML, CSS
- **Python Libraries:** NumPy, Matplotlib, Pandas, Seaborn.
- **Tools & Technologies:** AWS, Generative AI, Tableau, SQL, Arduino, Tinkercad.

LANGUAGES

- English (Fluent)
- Baduga (Mother tongue)
- Tamil (Native)
- Malayalam (Conversational)

PROFILE

I'm a second-year B.Tech in the field of Artificial Intelligence and Data Science at Karunya Institute of Technology and Sciences. I enjoy programming, cloud computing, and working with data in order to find insights. I'm eager to learn, grow, and contribute to innovative tech ideas where I can put forth my skills into practice. I have great command over my languages and have a good speaking and communicative approach in all aspects.

Courses & Certifications

- AWS Cloud Foundations – AWS Academy
- Generative AI for Beginners – Great Learning
- C Programming – Cisco Networking Academy
- Python Programming – Cisco Networking Academy
- Wine Quality Analysis using NumPy – Infosys Springboard
- Exploratory Data Analysis – Infosys Springboard

PROJECTS

- **AstroTrack – Space Object Tracker (Python)**
- Built a Python tool to track celestial objects using APIs. Visualized orbits with Matplotlib.
- **Weather Prediction (Python)**
- Developed a model to predict weather using historical data and machine learning libraries like Scikit-learn.
- **Gas Leakage Detection System (IoT)**
- Created a safety system using Arduino and gas sensors. Automatically alerts and activates fan/servo motor during leaks.

Internships

- Completed a 1-month internship gaining hands-on experience in data analysis and visualization.
- Worked with datasets to apply basic statistical and machine learning techniques.