

Ritisha S

B.Tech Artificial Intelligence & Machine Learning Student

Chennai, Tamil Nadu, India | sritharritisha@gmail.com | linkedin.com/in/ritisshasrithar | github.com/RitishaSrithar | www.Ritisha.com

PROFESSIONAL SUMMARY

Motivated B.Tech AI & ML student with a strong interest in Artificial Intelligence, Data Science, FinTech, Cloud Computing, and Cybersecurity. Passionate about solving real-world problems through technology, with experience in Arduino, Python, web development, data analytics, and hackathons. Quick learner with leadership, communication, and teamwork skills developed through extracurricular activities and campus initiatives.

EDUCATION

B.Tech, Artificial Intelligence & Machine Learning — St. Joseph's College of Engineering, Chennai

Expected Graduation: 2029

Relevant Coursework: Python Programming, Artificial Intelligence, Data Structures, Database Management Systems, Discrete Mathematics, Data Science Fundamentals, Engineering Mathematics, ML Algorithms

TECHNICAL SKILLS

Programming: Python, C, Java, SQL, HTML, CSS, JavaScript

Frameworks & Tools: Flask, Arduino IDE, VS Code, IntelliJ, MySQL, Git (Basics), Postman, Swagger, AWS, Azure, DevOps, Jira

Domains: Artificial Intelligence, Machine Learning, Data Science, Data Analytics, Cloud Computing, Cybersecurity

Other: Prompt Engineering, Basic UI Design, Problem Solving, Technical Documentation

PROJECTS

Air Quality Monitoring System

- Developed an IoT-based air quality monitoring solution using Arduino Uno and MQ135 gas sensor.
- Built a Flask web dashboard to visualize sensor readings.
- Worked on data logging and periodic updates.

Diabetes Prediction (Mini Project)

- Performed data preprocessing and exploratory analysis.
- Applied Decision Tree and Random Forest algorithms for prediction.
- Evaluated model performance using standard metrics.

Gamified Learning Platform (Hackathon)

- Collaborated in designing an AI-assisted learning platform.
- Contributed to feature planning, UI concepts, and workflow design.

CERTIFICATIONS

NPTEL — Python for Data Science

Google — Prompt to Prototype

LEADERSHIP & ACTIVITIES

Lead Vocalist, College Orchestra • Active Participant, Dance Performances • Entrepreneurship Development Club Member • Campus Ambassador Aspirant • Regular Hackathon Participant

SOFT SKILLS

Leadership, Communication, Teamwork, Adaptability, Creative Thinking, Time Management, Fast Learner

CAREER OBJECTIVE

Seeking internships and opportunities in Artificial Intelligence, Data Science, Cloud, FinTech, or Cybersecurity where I can apply my technical skills, gain industry experience, and contribute to impactful projects while continuously learning.