

# RITHISHKRISHNA S

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## PROFILE

Aspiring to join a reputable organization where I can apply my academic learning, enhance my practical skills, and support the company's long-term goals.

## EDUCATION

<b>Sri Krishna College of Technology</b> <i>B.Tech - Artificial Intelligence and Data Science</i> CGPA--7.53	2022 – present
<b>HSC - P.A.C.M Higher Secondary School</b> With 88.8%	2021 – 2022
<b>SSLC - P.A.C.M Higher Secondary School</b> With 88.4%	2019 – 2020

## KEY SKILLS

**Languages:** C++, Python

**Framework & Libraries:** HTML, CSS, React js, Numpy, Pandas, Scikit-learn, RAG, FAISS, Langchain

**Data Analytics:** Data preprocessing, predictive modeling, Power BI dashboard development, and data visualization.

**Others:** Mysql, Deep Learning, Agile

**Soft skills:** Leadership, Teamwork, Communication, Adaptability

## EXPERIENCE

### Data Analytics - INTERN

Completed a Data Analytics internship at Anjana Infotech, working on data cleaning, transformation, and dashboard creation. Gained hands-on experience in Power BI, Python, and ML algorithms like Logistic Regression, Random Forest, and K-Nearest Neighbors for predictive analysis and data-driven insights.

## PROJECTS

### ScrollBot – AI-Powered PDF Chatbot using RAG, Flask & FAISS

Built a chatbot for querying academic PDFs using natural language and RAG with Google GenAI. Used FAISS for vector search, Flask for backend logic, and a secure login system with HTML/CSS UI. Integrated modular design, API key protection (.env), and deployment-ready environment setup.

### Heart Disease Prediction

Developed a machine learning model to predict heart disease using Random Forest and Decision Tree algorithms. Learned data preprocessing, feature selection through correlation analysis, and model evaluation techniques like accuracy and F1 score.

### Bookworm

Developed "Bookworm" as a software development pattern project, focusing on managing reading habits with features like recommendations, reading logs, and goal-setting.

## CERTIFICATES

**Python for DataScience** — NPTEL, Jan - Feb, 2024

**Data Visualization Essentials** — Infosys Springboard, September 24, 2024

**Big Data Computing** — NPTEL, Aug - Oct, 2024

**Blockchain and its Applications** — NPTEL, Jan-Apr, 2025

**Data Analysis and Visualization with Power BI** — Courseera, Jan 18, 2025