

# Rishmitha Bandari

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## Personal Summary

Passionate Computer Science student with a deep interest in Artificial Intelligence and Machine Learning, backed by practical project experience. Strong leadership skills demonstrated through active roles in student organizations. Always eager to learn, grow, and take on new challenges in tech-driven environments.

## Education

**SR University**, Bachelor of Technology in Computer Science (AIML) Sep 2022 – May 2026

- GPA: 9.3/10.0
- **Coursework:** Computer Architecture, Machine Learning, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming, Operating System, Software Engineering, Generative AI, Cloud Computing, Data Analysis using Python.

## Experience

**Infosys Springboard 5.0 - AI Intern**, Infosys. [\(Certificate\)](#) Dec 2024 - Feb 2025

- Implemented an intuitive user interface for the Medi-Scan: AI-Powered Medical Image Analysis for Disease Diagnosis, achieving a precision of 85% and ensuring that healthcare providers can easily navigate and use the AI analysis features during an 8-week internship.

## Technical Skills

**Languages:** C, Python, SQL

**Cloud & DevOps:** AWS (Lambda, S3), Git

**Web Programming:** HTML, CSS, JavaScript

**Domain Knowledge:** Artificial Intelligence, Machine Learning

## Projects

**Wearable AI System for Health Monitoring and Anomaly Detection.** [\(Colab\)](#) Mar 2025

- Developed a Wearable AI system for real-time health monitoring and anomaly detection, using a hybrid machine learning architecture combining deep learning and ensemble methods to process physiological signals and structured patient data, achieving 70% accuracy on classification tasks.
- Tools: CNNs, LSTMs, Random Forest, XGBoost, Google Colab, Flask, SHAP, LIME

**Medi-Scan: AI-Powered Medical Image Analysis for Disease Diagnosis.** [\(GitHub\)](#) Jan 2025

- Developed a Python-based medical image analysis system website performing data cleaning and exploratory data analysis on medical image datasets to improve model performance achieving 84.55% accuracy.
- Tools: Streamlit, Colab, Github, Kaggle, Matplotlib & Scikit-learn, OpenCV, TensorFlow & Keras

**IndiGo Airline Reservation System** [\(Website\)](#) Jul 2023

- Built a web-based Airline Reservation System enabling ticket booking, viewing past bookings, and downloading tickets using C/C++, improving overall user convenience.
- Tools: C/C++, HTML, CSS, JavaScript

## Achievements

- Engineered 20+ real-time Generative AI projects in the fields of AI in Healthcare and Machine Learning.
- Awarded for Academic Excellence in Computer Science & AI during the 2024-25 academic year. [\(Certificate\)](#).
- Selected as one of 10 student leaders among 2,000 peers to serve as Joint Secretary of the Official Student Council at SR University (2024–25). [\(Certificate\)](#).
- Solved more than 200+ problems on CodeChef, 70+ problems on GeekforGeeks and 50+ problems on LeetCode, enhancing proficiency in Data Structures and Algorithms.

## Certifications

Udacity: AWS AI & ML Scholar.	<a href="#">(Verify)</a>	Jul 2025
Salesforce Trailhead: Agentblazer Innovator Badge.	<a href="#">(Verify)</a>	May 2025
Coursera: Machine Learning for All.	<a href="#">(Verify)</a>	May 2025
AWS Academy Cloud Web Application Builder	<a href="#">(Verify)</a>	Nov 2024
Microsoft Certified: Azure AI Fundamentals.	<a href="#">(Verify)</a>	May 2024