

Rayala Likitha

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Education

B.Tech. in Computer Science Engineering

Vellore Institute of Technology, CGPA-8.57

2021 - Present

Amaravati, Andhra Pradesh

School Of Intermediate Education

Sri Chaitanya Junior College, CGPA-9.06

2019 - 2021

Boyapalem, Andhra Pradesh

School Of Secondary Education

Narayana e-techno School, CGPA-9.8

2019

Srikakulam, Andhra Pradesh

Technical Skills and Interests

Languages: Python, Java, HTML/CSS, SQL

Certification: Microsoft Power Platform App Maker(Microsoft), Python(Udemy), Design Thinking Practitioner(IBM), Introduction to Data Science by Cisco, Career Essentials in Generative AI by Microsoft and LinkedIn.

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Artificial Intelligence, Machine Learning.

Experience

Pro Collab Technologies

February 2024 to May 2024

Software Engineer Intern

- Contributed to developing minor features and resolving software issues, enhancing overall system functionality.
- Collaborated with the development team to ensure seamless integration and deployment of new features. Actively participated in code reviews, maintaining high code quality and adherence to best practices.

CodSoft

September 2023 to October 2023

Python Programming

- Created and applied Python-based machine learning algorithms, leading to a notable 35% enhancement in sales forecasting accuracy. Automated data extraction and processing operations using Python, reducing manual effort by 30% and boosting data processing speed by 40%.

Projects

E-Commerce Website / Using HTML, CSS, JavaScript, Xampp.

January 2024 - May 2024

- Built a web application that recommends 100 percent exact skincare products based on skin type.
- Enabled users to purchase or wishlist products, increasing conversion rates by 25%.
- Optimized product recommendation algorithms, resulting in a 15% increase in average order value.

Farm Management System / Python, HTML, CSS, SQLAlchemy, Java Script

January 2024 - May 2024

- Implemented Farm Management System with 95% secure user authentication and 30% faster transactions
- Built a website achieving 80% user satisfaction, enabling farmer marketing and diverse product access.

Chatbot for HealthCare / using Machine Learning

January 2024 - May 2024

- Developed healthcare prediction system achieving 87% disease prediction accuracy and 92% treatment recommendation accuracy using Random Forest Classifier.
- Improved healthcare accessibility with ensemble learning, reducing diagnosis time by 4 hours and enabling early intervention for better patient outcomes.

Extracurricular

VITOPIA

February 2024

- Contributed as a student volunteer in the Documentation Department for VITOPIA 2024.
- Took part in a Reverse Engineering workshop organized by the IETE Chapter at VIT-AP.

Workshops

- Participated in be10X AI tools workshop.
- Engaged in the Bharat Blockchain Workshop, acquiring practical experience and knowledge in blockchain technology.