

Deepak Reddy Nainakanti

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Summary

Highly motivated Computer Science student with expertise in Python, Java, C, and Web technologies. Experienced in AI-driven applications and problem solving with a strong foundation in data analytics, cybersecurity, and cloud computing. AWS certified and a proven leader with a passion for developing scalable solutions to real-world challenges.

Skills

Programming Languages: Python, Java, C

Web Technologies: HTML, CSS, JavaScript

AI & Machine Learning: Artificial Intelligence, Deep Learning, Prompt Engineering, Data Analytics

Cloud & Security: AWS, Cybersecurity, IOT

Databases: JDBC, SQL

Tools & Technologies: GIT, Google Colab

Soft Skills: Leadership, Problem-solving, Communication, Teamwork, Time Management

Education

SR University – B.Tech in Computer Science and Engineering (CGPA:8.5) 2021-Present

SRI Chaithanya – Intermediate (MPC, 900 Marks) 2019-2021

Tejaswi High School – High School (GPA:9.3) 2019

Projects

AITA [chatgpt.com/aita/version 2.0](https://chatgpt.com/aita/version-2.0)

- Developed an AI-powered chatbot designed to assist users in understanding complex concepts interactively.
- Improved user engagement by enhancing comprehension and promoting independent learning.

Technologies: Prompt Engineering

HOTEL RESERVATIONS [github.com/hotel reservation](https://github.com/hotel-reservation)

- Designed an AI system to predict hotel reservation cancellations using ML models (KNN, Decision Tree, SVM).
- Optimized hotel operations by providing predictive insights from historical booking data.

Technologies: Artificial Intelligence, Machine learning, Google colab

AGROSOL Agrosol.com

- Built a web application to help farmers identify plant diseases and access agricultural tools for rent.
- Enhanced agricultural efficiency and accessibility for rural communities.

Technologies: HTML, Java Script, CSS

UNIVERSITY CHAT BOT [github.com/university chat bot](https://github.com/university-chat-bot)

- Developed an AI-based chatbot for universities to provide instant information on courses, fees, and placements.
- Reduced student inquiries processing time by automating responses.

Technologies: Java, JDBC

Certifications

Data Base Management System – Certified by NPTEL Sept 2023

Google Cybersecurity – Certified by Google Career Certificates Oct 2024

Google Data Analytics – Certified by Google Career Certificates Oct 2024

AWS Academy Cloud Foundations – Certified by AWS Training and Certification May 2023

Achievements

Hackathon Winner – Led a team to victory in the **SR University Hackathon'22** by optimizing workflow, and delivering an innovative project. Oct 2022