

# 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](http://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](http://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](http://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](http://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