

# SIDHANTH KUMAR NAYAK

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## PROFESSIONAL SUMMARY

Results-driven software developer with a passion for developing innovative solutions. Proficient in multiple programming languages and experienced in full-stack web development. Demonstrated ability to collaborate efficiently, meet tight deadlines and deliver high-quality code. Committed to staying updated with emerging technologies and continuously enhancing technical skills.

## EDUCATION

### CCBP ACADEMY 4.0 TECH PROGRAM

FEB 2023 - Ongoing

Full Stack Web Development

(CCBP Academy is an Industry Ready Certification program focused on full-stack web development that provides Training through an immersive hands-on and reverse-engineering curriculum).

### DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Nov 2021 – MAY 2025

Course: Computer Science and Engineering

GPA: 8.6

### PB SIDDHARTHA COLLEGE

NOV 2019 – JUL 2021

Senior Secondary

GPA: 8.3

### ST, ANNS E.M HIGH SCHOOL

JUN 2015 – MAY 2019

Secondary

GPA: 9.3

## INTERSHIPS

### CODEGNAN IT SOLUTIONS PVT LTD VIJAYAWADA

MAY 2023 – JUL 2023

#### Machine learning Intern

- Monitored user engagement data to track changes in listening habits and preferences.
- Utilized advanced analytical techniques to measure the effectiveness of recommendation algorithms.
- Stack modeling proved successful in enhancing the accuracy of music recommendations.
- Accurately analyzed data collected from user interactions using specialized software programs, enabling quick identification of trending music and facilitating algorithm optimization when necessary.

### IIDT(Blackbucks)

JULY 2024

- Done a Full Stack project on Weather forecast using Front-end and Backend-end technologies.
- Accurately analyzed data collected from multiple weather stations using specialized software programs, enabling quick identification of severe weather events and facilitating timely alerts and updates when necessary.

## SKILLS

- **Front-End** : HTML, CSS, Bootstrap, javascript, Reactjs\*.
- **Back-End** : python, Express\*, Nodejs\*.
- **Databases** : SQL\*, MongoDB\*.

## PROJECTS

## **IOT BASED ON SMART AGRICULTURE**

**JAN 2024 –MAR 2024**

- Implemented IOT sensors and technology to develop a comprehensive solution for tracking and monitoring in agricultural settings.
- Designed and Integrated a robust system capable of real-time monitoring and analysis of water usage, aiding in efficient irrigation practices and resource management.

## **PYTHON FULLSTACK (CAPSTONE PROJECT)**

**AUG 2024 –SEP 2024**

- Developed a fully functional online exam portal as part of a Python full stack project provided by ICT Academy, in association with Infosys.
- Implemented user authentication and role-based access for students and admins.
- Designed a responsive front-end interface using HTML, CSS, and JavaScript.
- Developed the back-end with Python and Flask, managing databases using MySQL.
- Created features for question bank management, exam creation, and auto-grading.
- Integrated secure login and session management for users.
- Built a reporting module for students to view results and feedback..
- Tested and debugged the system to ensure a smooth user experience.
- Demonstrated the project to ICT Academy and Infosys evaluators, showcasing end-to-end functionality.

## **CERTIFICATIONS**

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|--|-----------------|
| • Certificate on Generative AI provided by Microsoft and LinkedIn            | <b>AUG2024</b>  |
| • Certified Azure IOT Developer specialty by Microsoft                       | <b>APR 2023</b> |
| • Certification on ChatGPT for beginners by Greatlearning                    | <b>MAR 2023</b> |
| • Certificate of Java by IIT Bombay  | <b>FEB 2023</b> |
| • Software Engineering and Agile software development by Infosys Springboard | <b>OCT 2022</b> |
| • Certification of Full stack web development by Edureka.                    | <b>AUG 2022</b> |
| • Certification in C Programming by Spoken tutorial                          | <b>JAN 2022</b> |

## **ACHIVEMENTS**

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- Done my NCC training and received my Certificate.
  - Secured 1st Position in tech-quiz competition Explorers Meet-2K22 organized by SRK Institute of Technology.
  - Participated as a Volunteer during NSS Activities.
  - Participated in a Design thinking workshop which was conducted by our college.