

INDRASENA REDDY BODDU

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PROFESSIONAL SUMMARY

An graduate student with a passion for Java programming and a keen interest in developing innovative solutions for real-world problems. To work environment where my skills and knowledge reflects the growth of the company and enhance my knowledge as well as experience. Java development is a place where we can practically change the world with new possibilities. To make it possible some skills I learnt HTML, CSS, MY SQL, Core Java.

EDUCATION

B.E-Electronics and Communication Engineering

Sathyabama Institute of Science and Technology • Chennai, Tamil Nadu • CGPA 8.72 July 2020-2024

Board of Intermediate Education Andhra Pradesh

Sri Chaitanya Junior College • Guntur, Andhra Pradesh • CGPA 9.1 May 2020

Secondary School Certificate Andhra Pradesh

Sri Chaitanya Techno School • Guntur, Andhra Pradesh • 2018 • CGPA 9.3 April 2018

SKILLS

Technical Skills

- Java Programming
- Linear Data Structures
- HTML, CSS
- MySQL

Soft Skills

- Communication
- Adaptability
- Creativity
- Time Management

PROJECTS

Title: Bus Seat Tracking System using IoT November 2022 - January 2023

- I led a two-member academic project to develop an online system that displayed the seat availability of college buses using IoT and hardware components.
- I integrated and tested the ESP32 and FSR sensors that measured the seat pressure and transmitted the data to the microcontroller and the Thingier.io app.
- I enabled the passengers to access the bus details and seat occupancy from any location via the internet connection using the app.
- I solved the problem of finding a vacant seat on the college bus, which was a source of frustration and time loss, by collaborating with my team member and implementing our innovative ideas.

Title: Self-Watering System for Indoor Plants February 2022 – April 2022

- I was responsible for implementing and testing the Nodemcu and moisture sensors in a three-member project that used IoT to monitor soil and water conditions.
- I used Nodemcu and moisture sensors to measure the soil moisture level and water level in the tank and send the data to the Blynk app, which allowed us to access the information remotely.
- I applied my knowledge of how moisture sensors work by measuring the electrical conductivity of the soil, which varies depending on the water content.
- I delivered the project outcomes according to the design specifications and met the expectations of the stakeholders.

CERTIFICATES

Java Programming -Besant Technologies

December 2022

- Obtained a Core Java certificate, which validates the ability and knowledge in Java programming and its fundamental principles.

ACHIEVEMENTS

Volunteered -MATHS CLUB

December 2022-April 2023

- Volunteered in the Maths club and demonstrated outstanding dedication and enthusiasm in organizing and conducting various activities and events. Received a certification for my contribution.
- Designed and presented a challenging and engaging quiz in the Maths club that tested the participants' mathematical skills and knowledge. Received positive feedback from the club members and the faculty advisor.

INTERESTS

- Mobile video editing
- Cricket
- Video games