GANJIKUNTA DHANA KUMAR

B.Tech Student in Electronics and Communication Engineering

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🔗 https://github.com/Dhana7981   📍 Jammalamadugu

SUMMARY

I am a motivated B.Tech student in Electronics and Communication Engineering with a strong grasp of programming and IoT technologies. My internships and projects reflect my ability to apply theoretical knowledge practically, particularly in intelligent systems and waste management. I am eager to learn and contribute positively to any organization while honing my skill set.

EXPERIENCE

Intern
Smart Internz
📅 06/2023 - 08/2023   📍 Kuppam, India

Short-term internship focused on AI-Based Intelligent Garbage Classification using Deep Learning.
- Identified and segregated garbage items using sensors and actuators, implemented in an Arduino Uno design.
- Developed a software model for garbage classification.

Intern
SkillDzire
📅 02/2024 - 04/2024   📍 Kuppam, India

Long-term internship centered on IoT technologies.
- Gained knowledge about sensors and actuators and their functionalities.
- Contributed to the successful completion of the final-year project.

Intern
Java Learning Center
📅 06/2024 - 01/2025   📍 Bangalore, India

Java Full Stack Developer Trainee
- At the Java Learning Center, I learned how to connect databases and develop web pages and server-side applications using Java and advanced technologies.

EDUCATION

B.Tech (ECE)
Kuppam Engineering College, JNTU Anantapur
📅 08/2020 - 05/2024   📍 Kuppam, India

Intermediate (MPC)
Sai Parameswara Junior College
📅 06/2018 - 03/2020   📍 Jammalamadugu, India

SSC
Z.P.H. School
📅 06/2017 - 05/2018   📍 Veparala

STRENGTHS

⭐ **Personal Traits**
Demonstrates strong leadership capabilities and problem-solving skills, with a quick learning ability and a positive attitude.

SKILLS

Arduino	Core Java	CSS3	DSA
HTML5	Internet Of Things		Spring
Java 8	JavaScript	JDBC	JSP
MySQL	Python	Servlets	
Hibernate			

PROJECTS

Virtual Learning Awareness
📅 09/2022 - 11/2022   📍 Kuppam, India

Community service project focused on Virtual Learning.
- Organized awareness programs and provided instructions to the public.

IoT-Based Waste Segregator
📅 02/2024 - 05/2024   📍 Kuppam, India

IoT-Based Automatic Waste Segregator for Smart Cities
- Identified garbage items and ensured proper segregation using sensors and actuators.
- Implemented the project with Arduino Uno to develop a hardware kit.

Weather App
📅 12/2024 - 12/2024   📍 Bangalore, India

Weather API
- A weather application fetches real-time location data to provide accurate and up-to-date weather information for your surrounding area.

Book Store App
📅 11/2024 - 12/2024   📍 Bengalore, India

mini-project of book store application
- I have developed a bookstore application using Java, Advanced Java, Hibernate, and Spring frameworks.

CERTIFICATION

Python Certification
Completed an online Python certification course on the Start E-Learning platform from November 11, 2022, to December 12, 2022.

Java Full Stack Developer Certification
Certification as a Java Full Stack Developer from the Java Learning Center.

Sewage Monitoring System Certification
Certification from AGASTYA (Synopsys) Anveshana for the Sewage Monitoring System.

Intelligent Garbage Classification Certification
Certification in Intelligent Garbage Classification using Deep Learning from Smart Internz.

Electronics and Communication Engineering Certification
Successfully completed a course in Electronics and Communication Engineering.

Project Expo Certification
Certification for the Project Expo at the National Level Symposium on Technothon-2024, hosted at Kuppam Engineering College.

LANGUAGES

English
Proficient
●●●●○

Telugu
Native
●●●●●

Hindi
Intermediate
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KEY ACHIEVEMENTS

◆ Optimized Waste Management
Implemented Arduino system increasing accuracy by 30% in waste classification.

◆ Project Expo Champion
Led team to win first prize in Technothon 2024 Project Expo.

◆ Java Development Success
Completed Java project which enhanced performance by 25% using optimized algorithms.

◆ System Efficiency Improvement
Reduced system downtime by 15% through efficient troubleshooting and timely upgrades.

INTERESTS

⭐ Hobbies
Enjoys browsing the internet and keeping up with the latest trends, listening to music, watching movies, and traveling with friends and family.

VOLUNTEERING

Clean India Program
National Service Scheme - Kerala
📅 10/2021 - 10/2021
As part of the Clean India Program, all NSS volunteers cleaned the Kuppam Railway Station.

NSS Special camp
National Service Scheme - Kerala
📅 03/2022 - 03/2022
In the NSS Special Camp, all NSS volunteers visited Bangarnatham village and the local school to promote cleanliness and greenery. They also cleaned the streets as part of the initiative.

WORKSHOP

APSSDC-SIEMENS
📅 01/2022 - 02/2022
I took part in a workshop conducted by the Andhra Pradesh State Skill Development Corporation (APSSDC).

Internet of Things
📅 10/2022 - 10/2022
I attended a workshop on "The Internet of Things" at Kuppam Engineering College, Kuppam.

Network Simulator-2&3
📅 04/2023 - 05/2023
I participated in a five-day hands-on session on "Network Simulator-2 & 3" at Kuppam Engineering College.