

Karishma

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Education

BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Bachelor of Engineering (B.E.) , Electronics and Communication Engineering (CG 7.59./10)

Ballari, India

September 2019 – May 2024

Experience

Full Stack Developer Intern

Hospital Management System

2024

Remote, India

- Developed Hospital Management System using JDBC, and MySQL for patient management, doctor scheduling, and appointment booking, enhancing efficiency and organization within the hospital setting.

Skills

Languages: Java, JavaScript, C(Basics), HTML/CSS

Frameworks: Node.js, Bootstrap

Databases: MySQL (Basics)

Developer Tools: Git, GitHub, Visual Studio Code, Linux, Eclipse

Miscellaneous: Data Structures and Algorithms (DSA), Object Oriented Programming (OOPs), Networking, Operating Systems (OS).

Projects

Soil monitoring system| C, Audinuno ide |

- The soil monitoring system, equipped with pH sensors, precisely measures soil acidity or alkalinity, guiding farmers in selecting crops suited to specific pH ranges.
- This precision promotes resource-efficient practices, optimizing the application of fertilizers based on real-time soil pH data.

Generation of electricity using Revolving Gate | C, DC motor, Cloud |

- The revolving gate harnesses electricity through a connected DC motor, generating power as it rotates.
- This electricity is stored in a battery, providing a sustainable and renewable energy source. Concurrently, cloud-based technology is employed to record and store data on the electricity produced by the revolving gate.
- While still in the developmental phase, ongoing work on cloud integration aims to enhance data analytics and efficiency. This project is a work in progress, with the hopeful expectation that it will successfully contribute to clean energy generation.

Certificate and Extracurricular Activities

- C programming and Python by Great Learning.
- Trained in Microsoft Azure in ai-900, ai-102.
- I attended various workshops and boot camps, including Udyami Aagu and Udyoga Needu organized by the Department of Industries and Commerce.
- Additionally, I attended in the IEEE AESS's Lecturer Program workshop, gaining valuable insights into advanced topics.