THRE SANDHYA RANI

📞 7829173620   💧 Hyderabad Telangana   ✉ sandhyarani145811@gmail.com

ABOUT ME

Dedicated Full Stack Developer skilled in Java, .NET, Angular, JavaScript, SQL, and MySQL. Experienced in building secure backend systems, REST APIs, and responsive web interfaces. Completed full-time internship on an agriculture-based application and developed modules for authentication, order management, and advisory features. Strong problem-solving skills and ability to learn new technologies

EDUCATION

New Horizon College Engineering Bengaluru
Master of Computer Applications (MCA)
CGPA:8.35   2022-2024

Nrupatunga junior college Sedam
Bachelor of Science (BSc)
CGPA: 8.10   2019-2022

CERTIFICATIONS

NPTEL: SYSTEMS AND USABLE SECURITY (APRIL 2024)

I successfully completed the NPTEL certification course Systems and Usable Security" (April 2024), provided in-depth knowledge of security principles, system vulnerabilities, authentication mechanisms, and usability design. The course emphasized balancing strong security with user-friendly system design, enabling me to understand real-world security challenges and practical approaches to building secure, usable applications.

IBM: JOURNEY TO CLOUD: ENVISIONING YOUR SOLUTION (MARCH 2024)

I completed the IBM certification "Journey to Cloud: Envisioning Your Solution" (March 2024), which focused on cloud adoption strategies, solution envisioning, and migration planning. The course enhanced my understanding of cloud service models, deployment options, and best practices for designing scalable, secure, and cost-effective cloud solutions.

SKILLS

Languages: Java, C, Python, JavaScript
Backend: .NET Core, Node.js, Java (Servlet/JSP)
Frontend: HTML, CSS, Angular
Database: MySQL, MongoDB
Concepts: REST API, Authentication, MVC

INTENSHIP EXPERIENCE

Dosch Endeavors Pvt Limited -Full Stack Developer   APRIL-24 -NOVEMBER-24

Developed backend modules for authentication, order management, advisory, and marketplace Features.
Designed MySQL schemas to support crop data, irrigation details, and user transactions.
Implemented APIs for weather-based alerts, crop advisory, and farmer decision support.
Improved platform performance and ensured reliable data storage and retrieval.
Tech Stack: Java, MySQL, HTML, CSS, REST APIs

PROJECTS

Academic Projects:

Mini Project 1: "Online examination System" (2nd Sem, (MCA)).

Purpose: Gives instant results and also saves the time

Description: Online Examination System is cost-effective, scalable way to convert traditional pen and paper-based mode. Candidates can appear for the exam using laptop desktop or mobile device with a browser.

Developed the backend modules for secure user authentication, question management, and result processing. Designed and optimized the MySQL database to handle student records, exam data, and result storage efficiently. Implemented logic for automatic evaluation and instant result generation, ensuring accuracy and reducing manual effort.

Technologies: Java, MySQL

Project 2: "Air Conditioner Maintenance Service (3rd SEM, (MCA)).

Description: Air Conditioning Services consist of any service performed on the equipment that delivers cool air. The major components of air conditioner system include the compressor, expansion value.

Designed and implemented backend modules for managing service requests, customer records, and maintenance schedules. Built a MongoDB database to efficiently store and retrieve service details, technician assignments, and customer feedback. Developed RESTful APIs to handle request processing, status updates, and communication between the frontend and backend.

Technologies: Nodejs, HTML, CSS, MongoDB