YERUKALAGARI HEMA CHANDRA

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CAREER OBJECTIVES

Aspiring software developer with a solid foundation in Java, SQL, JavaScript and seeking a responsible position in an organization that offers me a consistently positive atmosphere to excel in my career and to use my skills in the best possible way for achieving the organization goals.

TECHNICAL SKILLS

Programming Languages: Java, SQL
Frameworks: Spring MVC
Web Technologies: HTML/CSS, JavaScript
Databases: MySQL
Tools: Maven, Postman, Vs code

EDUCATIONAL QUALIFICATION

B.Tech - CSE - Ravindra College of Engineering For Women | 2020-2024 | 7.63 CGPA
Intermediate – Sri Chaitanya Junior College | 2018-2020 | 80.75%
SSC – Ravindra E/M high school for girls | 2017-2018 | 87.39%

VIRTUAL INTERNSHIP

- Web Development and design from TXON (May-2023)
- Android Application Development Powered by Google (Jun 2023-Aug 2023 - APSCHE)

PROJECTS

Improving Safety Surveillance in Challenging Conditions: Deep Learning for Automated Detection of Unanticipated Incidents in Poor CCTV Environments –(Final year project)

   The project uses the YOLO algorithm to detect incidents in challenging surveillance conditions, such as low-   light environments, by analyzing CCTV footage in real time. This system enhances safety by generating alerts for swift responses and has applications in security and autonomous vehicles.

Hospital Management System

Spring MVC, Spring Boot, MySQL

- Built a full-stack web application for hospital operations, including patient registration, doctor scheduling, and appointment management.
- Implemented role-based access (Admin, Doctor, Receptionist) using **Spring Security**.
- Designed relational database schema and optimized queries with **Spring Data JPA** and **MySQL**.
- Developed RESTful APIs for appointment booking and medical history tracking.

Student Result Processing System – Java (OOP + Collections)

A console-based Java application to manage and process student result records. Built using object-oriented principles with custom `Student` and ResultManager classes, and Java Collections like `HashMap` and ArrayList.

- Key Features:
  - Add, search, and delete student records
  - Calculate total, average, and assign grades
  - Identify top-performing student
  - Built using Core Java, OOP, and Collections Framework
- Technologies:
  Java | OOP | Collections

Calculator Web App

A responsive calculator built with **HTML, CSS, and JavaScript** that supports basic arithmetic operations and dynamic input handling.

CERTIFICATES

- NPTEL certificate for Cloud Computing
- Workshop on Front end web development in Airbacc labs
- Successfully completed a comprehensive course on Java Full Stack development as part of Wipro's TalentNext program.

SOFT SKILLS & LANGUAGE

Team Collaboration, Technical Documentation, Requirement Analysis, Fluent English, Communication Skills, Problem Solving