BHUSHAN P

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https://github.com/Bhushan8277

EDUCATION

- **K S School Of Engineering And Management.**   **2024**
  B.E in CSE | CGPA : 8.84
- **Sri Bhagawan Mahaveer Jain College**   **2018**
  Secondary Education | Percentage : 89

SKILLS

- Front-End : HTML, CSS, JavaScript
- Back-End : JSE(Core Java, JDBC), JEE(Advanced Java)
- DataBase : MySql
- FrameWork : Spring

PROJECTS

Hotel Reservation And Management System | JSE, JEE, MySql, Servlets, JSP
- **Developed** a robust system to manage room reservations, view bookings, and handle updates or deletions of reservations.
- **Implemented** user-friendly features for room reservations, including entering guest details, displaying current reservations, and fetching room numbers based on reservation ID and guest name. Enabled users to update existing reservations and delete them using reservation IDs.
- **Designed and implemented** a database schema in MySQL, ensuring data consistency and integrity with transaction management.
- **Created** a JSP page for the reservation process that interacts with backend servlets to handle the logic for saving reservation details in the database.
- **Developed** JSP pages to list all reservations, dynamically fetched from the database via servlets, providing a clear view of room occupancy and booking details. **Designed** a JSP form for updating reservations, with servlets managing the update logic in the backend to ensure changes are saved correctly.

Waste Segregation Using Deep Learning And IOT| Deep Learning, IOT, CNN, YOLOV5
- **Designed and developed** a hardware model of a smart trash bin leveraging IoT and deep learning technologies.
- **Utilized** the YOLOv5 algorithm for real-time object detection, achieving high accuracy in waste segregation.**Equipped** the trash bin with three distinct compartments for dry, wet, and metallic waste, optimizing the waste management process.
- **Integrated** camera as a sensor for accurate detection and classification of waste items.**Implemented** a robotic arm to autonomously pick up and deposit waste into designated compartments, enhancing operational efficiency.
- **Applied** YOLOv5 for object detection and Convolutional Neural Networks (CNN) for classifying waste items, improving real-time monitoring and accuracy.

PortFolio Website | HTML, CSS
- **Crafted** a comprehensive portfolio website using HTML and CSS to effectively showcase work and background.
- **Created** a platform to display projects, case studies, and personal information, highlighting personality, experience, and skills.
- **Included** a detailed "About Me" section featuring professional background, education, skills, and projects.
- **Provided** a downloadable resume and contact information to facilitate outreach from potential employers or collaborators.

Experience

Tap Academy | Trainee   **Mar-Sep (2024)**
- Completed a comprehensive certified full stack web development mastering front-enforcement, back-end, database technologies. Applied this expertise to independently, design, develop and optimise the project hotel reservation and management system. Demonstrated proficiency in responsive design, cross-browser compatibility and web performance optimisation