

Murali Yadav G

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Professional Summary

I am a qualified and professional Graduate with Strong Creative and Analytical skills in Software Development. Intending to build a career in a competitive world with commitment and dedication, I am Willing to work as a key player in a challenging and creative Environment.

PROFESSIONAL EXPERIENCE

AIROBOSOFT | INTERNSHIP

Feb 2023 - March 2023

airobosoft.com | Bangalore, India

- Applied advanced back-end development skills in Java to contribute significantly to the development and optimization of automated systems, enhancing efficiency and functionality.
- Utilized Raspberry Pi with Linux 5.10 as the development environment, showcasing adaptability to cutting-edge technologies.
- Played a pivotal role in the successful integration of back-end functionalities using Crete, demonstrating proficiency in creating seamless and robust software solutions.
- Gained hands-on experience in the implementation of embedded systems and mechatronics, contributing to real-world projects at Airobosoft.
- Participated in team discussions, providing insights and solutions to enhance the overall project efficiency.
- This internship at Airobosoft not only enriched my technical skills but also honed my ability to collaborate within a professional setting.
- Prepared me for future challenges by gaining hands-on experience in strategizing and optimizing product infrastructure.

PROJECTS

HEALTHCARE MEDICATION MANAGEMENT SYSTEM

[View in GitHub](#)

- As the sole developer of the Health Medication Management system, I successfully Utilized the following technologies and functionalities:
- Designed the user interface and page layout using HTML, ensuring a seamless and user-friendly experience.
- Utilized CSS for all design aspects, providing a visually appealing and responsive design for the online medicine shop.
- I utilized JavaScript to manage validation tasks, ensuring the accuracy of data and elevating user interaction with engaging animations in my project.
- Spearheaded the application of advanced Java programming skills to develop and optimize automated systems, resulting in a 50% increase in efficiency and a 20% reduction in error rate.
- Developed the entire business logic using Java to ensure the Online Medicine Shop's smooth operation, focusing on robust functionality and efficient data processing for the project.

- Incorporated MySQL as the project's database to enable the secure and organized storage of user and product data. Configured the project to run seamlessly on the Tomcat server, optimizing performance and ensuring reliability.

CINEMA TICKET RESERVATION BOOKING SYSTEM

[View in GitHub](#)

- As the sole developer of the Online Cinema Ticket Reservation, I successfully designed and utilized it.
- Leveraged JavaScript for seamless and interactive user experiences, showcasing proficiency in client-side technologies.
- Incorporated MySQL to adeptly manage data for the Online Movie Ticket Booking System, ensuring secure and organized information storage applying a similar proficiency for this project.
- Developed and configured the system to operate seamlessly on the Windows platform, demonstrating adaptability to specific software requirements.
- This project highlights my ability to develop user-centric applications using JavaScript, manage databases effectively with MySQL, and tailor the software to meet specific operating systems.

CERTIFICATIONS

TCS Mastercraft™ Data Plus Overview Course

Mastering SQL Joins Certification

Java Classes and Objects

Developing a Connect Four Game using Java OOP

Hospital management database using SQL server

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EDUCATION

Bachelor of Technology (B. Tech) – Mechanical Engineering

MVJ College Of Engineering, Bangalore (India) [7.9 CGPA]

2019 - 2023

Board of Intermediate, (MPC)

Suvana Bharathi Junior College, Hindupur (India), [6.77 CGPA]

2017- 2019

Secondary School Certificate

Zilla Parishad High School, Kodur (India)[7.2 CGPA]

2016-2017

SKILLS

GitHub Actions | JavaScript | Backend Development | MySQL: DDL, DML, TCL, DQL, and DCL; Tables, Views, Sub-queries, Joins
Java: Loops, Switches, Objects in Java, OOPS Concept, Exception Handling, File Handling, Multi-Threading, Regular Expressions
| HTML5, CSS3 | Basic Python | ES6 Features of JavaScript: Objects, Functions, and Arrays | GitHub, GitLab, and Bitbucket | Linux:
File System Management, Command Line Interface (CLI) | J2EE | Collection Framework | XML | Web Development | Good
Understanding of Web Services | Effective Communication Skills | IT Troubleshooting | Operating System Knowledge