Sachin Mahor

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EDUCATION

NIT, JAMSHEDPUR
MASTERS OF COMPUTER APPLICATION, GPA (8.36)
2021 - 2024 | Jamshedpur

RBS COLLEGE, AGRA
BACHELORS OF COMPUTER APPLICATION, PERCENTAGE (72.12%)
2018 - 2021 | Agra, UP

SKILLS

Technical Skills:

PROGRAMMING LANGUAGES
- C++ (Intermediate)
- Java
- JavaScript (Basics)

TECHNOLOGIES
- Node.js
- Express.Js
- MongoDB
- SQL
- Spring
- HTML5/CSS
- BootStrape
- Tailwind
- React
- Spring Boot

COURSEWORK
- Object-Oriented Programming
- Data Structures and Algorithms
- Database Management System

Soft Skills:
- Presentation Skills
- Communication
- Problem Solving
- Team Work and Collaboration

CERTIFICATIONS
- C++ problem-solving - HackerRank
- SQL(Basics) - HackerRank
- Full Stack web development – NIT Jamshedpur

LINKS

PROFILES
- LinkedIn: sachinm121
- GitHub: sachinm121
- GeeksforGeeks: sachin121
- LeetCode: sachin121
- CodeChef: sachin_70

PROJECT WORK

NIT-JSR CAMPUS VOICE (JAN 24 – MAY 24) | React, Express.js, Node.js, MongoDB
- Designed and developed a comprehensive student complaint management system for NIT Jamshedpur using MERN stack, integrating Node.js, Express.js, React, MongoDB, and Cloudinary.
- Built a user-friendly interface for students to submit, edit, and delete their complaints, with email verification using Nodemailer.
- Implemented JWT authentication for secure login and authorization for admin, service provider, and student users.
- Developed a robust analytics system to track and analyze complaint trends and statistics.
- Implemented a workflow for admin to reject or accept complaints, with status updates displayed to students and service providers. Service providers can update the status of complaints from processing to solved.
- Utilized Tailwind CSS for styling and Ant Design for UI components, ensuring a responsive and visually appealing user interface.

EMPLOYEE MANAGEMENT APP (JUNE 23 – AUG 23) | React, Spring Boot, Spring Data JPA, MySQL
- Developed a RESTful API for Employee Management: Created endpoints for adding, retrieving, updating, and deleting employee records using Spring Boot, JPA, and MySQL.
- Built a React Frontend: Developed a user-friendly React application that interacts with the backend API to manage employee data.
- Implemented Data Persistence with MySQL: Utilized Spring Data JPA for seamless data management and storage, integrating with MySQL for reliable database operations.
- Ensured API Security and Cross-Origin Support: Configured CORS for cross-origin requests and implemented best practices for API security.

HOSPITAL MANAGEMENT SYSTEM (FEB 21 – APR 21) | Core Java, AWT, MySQL, Swing
- Spearheaded the development of a cutting-edge Hospital Desktop Application using Java, MySQL, AWT, and Swing, delivering exceptional functionality and user experience for hospital administrators and receptionists.
- Masterfully managed employee data for administrators and supervised receptionists in handling patient details, admissions, and precise ward allocation.
- As an admin, executed sophisticated CRUD operations for employee management with unparalleled efficiency. Receptionists managed diverse patient data and ward logistics with ease.
- Demonstrated exceptional expertise in utilizing Java, MySQL, AWT, and Swing to create a highly intuitive and functional interface that significantly enhanced hospital efficiency in administrative, receptionist, and patient management tasks.

ACHIEVEMENTS
- Solved 500+ Problems on GeeksforGeeks, Leetcode, HackerRank, CodeChef .
- Earned 5-star (C++) at HackerRank Platform.
- Achieved 1463 global rank on Codechef.
- Worked as a design team member for SCA(Society of Computer Applications).