

Mathiyarasu M

To improve my skills and knowledge in technology and shape my professional career along with the organizational growth.

Projects

Central Library Console Application

- Developed a Java-based library management system with user authentication, book rentals, and admin functionalities.
- Utilized **JDBC** and **SQL** for database management, ensuring secure and efficient data handling.
- Implemented **OOP** principles (Inheritance, Abstraction, Encapsulation) and exception handling for robustness.

GitHub: <https://github.com/0607mathi/CentralLibrary>

Departmental Store Console Application

- Comprehensive Product Management – Includes functionalities to add, update, delete, and retrieve product details from the database.
- **Robust Backend** Implementation – Utilized **JDBC** and **SQL** for secure and efficient **database** management, ensuring reliable data handling.
- **Core Java Concepts** – Applied Exception Handling and **OOP** principles to enhance code maintainability and efficiency.

GitHub: github.com/0607mathi/JDBC_DepartmentStore

Hotel Management

- Efficient Hotel Operations – Streamlines reservations, check-in/out, billing, and guest services for smooth management.
- Advanced Features – Includes room management, reporting, and mobile access to enhance guest experiences.
- Tech Stack – Built using **HTML**, **CSS**, **Bootstrap**, **SQL**, **Node.js**, and **Handlebars** for a responsive and dynamic interface.

GitHub: github.com/0607mathi/Hotel_Management

Tours and Travels Web App

- To streamline customer booking and car rentals while maximizing revenue for travel business owners through a seamless web application.
- Developing a secure and responsive web app using **HTML**, **CSS**, **JS**, **React.js** and **JSON**, hosted online for seamless accessibility.
- A secure, responsive web app for seamless car booking, real-time availability and efficient management using **React.js**.

Preview: <https://0607mathi.github.io/swethatravels>

GitHub: <https://github.com/0607mathi/swethatravels>

MEC CGPA Calculator

- This project helps users quickly calculate their GPA and CGPA with ease, ensuring accurate academic performance tracking.
- **Responsive Design** – Built with **HTML**, **CSS**, and **JavaScript**, ensuring seamless functionality across all devices.
- **Bootstrap Framework** – Utilizes **Bootstrap** for enhanced responsiveness and styling, providing an optimal user experience.

Preview: <https://mec-cgpa-calculator.netlify.app/>

GitHub: <https://github.com/0607mathi/CGPA-Calculator.git>

Contact

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- **GitHub** : 0607mathi
- **Portfolio** : 0607mathi.github.io/MathiPortfolio

Education

- **B.Tech - Information Technology** Muthayammal Engineering College - Rasipuram Anna University, Batch 2024.
- **HSC** - Kalaimagal Matric Higher Secondary School Omalur, State Board, Batch 2020.
- **SSLC** - Kalaimagal Matric Higher Secondary School Omalur, State Board, Batch 2018.

Skills

Technical Skills

- Java
- JDBC
- SQL
- Html
- Css
- JavaScript
- React Js
- Git
- Bootstrap

Tools/Software

- Eclips
- Postman
- Microsoft Office

Course and Certifications

- Completed a six month “**Java Full Stack**” course at QSpiders, Chennai.
- **Java Full Stack** in Wipro Talent Next
- **Fundamentals of Java Programming** in Consensus Academy

Internship and Workshop

- Internship training on “**Web Development**” at Durga Tech, Salem.
- Attended a workshop on the “**Android Operating System**” for smartphones, organized by Muthayammal Engineering College, Namakkal.