



Gouthami Macherla

☎ +91 8105700511 | ✉ gouthami.504@gmail.com |  [Gouthami Macherla](#) |  [GouthamiMacherla](#)

TECHNICAL SKILLS

Full Stack Java Development:

Back-end Skills: Java programming language || Core Java concepts || Multithreading || Advanced features || Object-oriented programming || Design patterns || Java EE || Spring Boot || Spring MVC || RESTful API || Spring Web Services || JAX-RS

Front-end Skills: HTML || CSS || JavaScript || React

Database Skills: SQL || Hibernate || JPA

Version Control and Build Tools: Git || Maven

Cloud Deployment Skills: Deployment pipelines

Frameworks and Technologies: React || Spring Boot || Spring MVC || Spring Web Services || JAX-RS || Hibernate || JPA || Git || Maven

PROJECTS

Student Management-Crud App

January - 2023

Programming Language: Java | **Database:** MySQL | **Database Connectivity:** JDBC | **Connection Pooling:** HikariCP

- Developed a Java CRUD application for Student Management using **prepared statements**.
- Implemented HikariCP for **efficient connection pooling** and **database operations**.
- Achieved **CRUD functionality**, allowing easy **creation, retrieval, update, and deletion** of student records.

Link: <https://github.com/GouthamiMacherla?tab=repositories>

Library Management System

June - 2023

Programming Language: Java | **User Interface:** JavaFX | **Database:** MySQL | **Error Handling:** Robust implementation

- Developed Library Management System using Java, showcasing **proficiency in object-oriented principles**.
- **Implemented essential features:** book **catalog** management, **user authentication**, and efficient book **borrowing/returning** for improved library **operations**.
- Utilized JavaFX for a modern, **user-friendly interface**. Integrated **MySQL database** with optimized **querying and indexing strategies** for efficient information **retrieval**.

Link: <https://github.com/GouthamiMacherla?tab=repositories>

EDUCATION

Mother Teresa Institute of Science and Technology | JNTUH

2008 - 2011

- B.Tech in Computer Science Engineering
- Percentage : 86.5%

COURSEWORK

- Full Stack Java Developer from iNeuron.ai

AWARDS

- I achieved **1st Rank** in my **B.Tech College**
- **Coordinator** for **Technical Fest** conducted in college.
- **Class Representative** in my High School.