

# Murali M

Full Stack Developer

Linkedin | Portfolio

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## TECHNICAL SKILLS

### BACK-END:

Java | J2EE | Spring Boot | Spring MVC | JPA | Hibernate | REST API | JSON

### FRONT-END:

Angular | TypeScript | JavaScript | HTML | CSS | Bootstrap

### DATABASE:

MySQL

### TOOLS:

Git | GitHub

## EDUCATION

### THE NEW COLLEGE

M.Sc IN PHYSICS  
Chennai | Tamil Nadu  
CGPA: 8.3 | 2019 - 2021

### PRESIDENCY COLLEGE

B.Sc IN PHYSICS  
Chennai | Tamil Nadu  
CGPA: 7.4 | 2016 - 2019

### HSC

KINGSTON MATRIC HR.SEC  
Thiruvannamalai | Tamil Nadu  
CGPA: 8.0 | 2015 - 2016

### SSLC

SENTHAMIZH MATRIC HR.SEC  
Thiruvannamalai | Tamil Nadu  
CGPA: 9.14 | 2013 - 2014

## CERTIFICATES

- Web Designing at Accord Info Matrix, Chennai - 2023
- Java Technologies at Accord Info Matrix, Chennai - 2023

## LANGUAGES

- Tamil: Native / Proficient
- English: Proficient

## PROJECTS

### TASK SCREENER

[GitHub](#)

Tech Stack: J2EE, JSP, Servlets, MySQL, HTML and CSS

- Enhanced the user-friendly index page form, reducing task entry time by 80%.
- Executed CRUD operations to ensure accurate and efficient tracking of tasks, achieving a 90% accuracy rate.
- Developed a task dashboard, increasing task visibility by 80% and improving task communication by enabling the addition of comments.

### STUDENTS DATA MANAGEMENT

[GitHub Live](#)

Tech Stack: Angular, TypeScript, Bootstrap, JSON, HTML and CSS

- Constructed intuitive functionalities for easy addition of student details and seamless navigation to the Students dashboard page, providing a 70% reduction in data entry time.
- Analyzed data management by implementing features such as View, Delete, and Edit, resulting in an impressive 80% increase in data accuracy and enabling student record maintenance.

### MOVIE TICKET BOOKING APPLICATION

[GitHub](#)

Tech Stack: Spring Boot, Spring MVC, Hibernate, MySQL and REST API

- Created a user-friendly UI with features such as an index page, theater and movie listings, and ticket booking options, resulting in a 30% increase in user engagement.
- Utilized Spring Boot to provide a robust and 95% efficient back-end for handling ticket booking operations.
- Integrated Hibernate with MySQL to achieve 80% data storage and retrieval efficiency.
- Introduced intuitive features for theater and movie listings, contributing to a 50% decrease in the average time taken for users to select their desired movie and theater options.

## TECHNICAL SKILLS OVERVIEW

- Proficient in Java Programming, applying OOPs concepts, multi-threading, and exception handling.
- Familiar with Git and GitHub for version control and collaborative software development.
- Solid understanding of fundamental data structures and algorithms to optimize application performance.
- Familiarity with MySQL queries and proficient in using database management tools.
- Experienced in J2EE technologies, including servlets and JSP, for web application development.
- Skilled in utilizing the Spring Boot framework, including Spring MVC, Spring JPA, Hibernate, and REST API, to develop scalable web applications.
- Knowledgeable in HTML and CSS, capable of creating well-structured web pages.
- Strong understanding of JavaScript and manipulation of web elements using the Document Object Model (DOM)
- Proficient in building robust and scalable single-page applications using Angular and TypeScript, leveraging their component-based architecture.