

MANIKANDAN.J

JAVA BACKEND DEVELOPER FRESHER

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PROFESSIONAL SUMMARY

Enthusiastic Java Backend Developer (Fresher) with hands-on experience in building RESTful APIs using Spring Boot, MySQL, and Hibernate. Built full-stack projects integrating React.js frontend with Java backend. Comfortable with tools like Postman, Swagger, and Git. Eager to learn and contribute to scalable backend systems.

TECHNICAL SKILLS

- **Programming Languages:** Java (Core & Advanced), HTML5, CSS3, JavaScript (Basic)
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Hibernate, Spring Data JPA, ReactJS, Axios
- **Backend Development:** RESTful API Design, MVC Architecture, Servlets, JSP, JDBC, Input Validation, Custom Exceptions
- **Database Technologies:** MySQL, Relational Database Design, SQL Queries
- **Tools & Platforms:** Postman, Swagger, Git, GitHub, Maven, Eclipse, Spring Tool Suite (STS), VS Code, JUnit (Basic Unit Testing),
- **Additional Competencies:** CRUD Operations, JSON Handling, REST API Integration

PROJECT

1. User Login & Registration System

Tech Stack: Java (Servlets, JSP), JDBC, MySQL, HTML, CSS.

Description: Designed and implemented a user authentication system with registration and login functionality. Used JSP for frontend views, Servlets for request handling, and JDBC for connecting to the MySQL database. Validated input and stored user credentials securely.

2. Student Management System – Backend Application

Tech Stack: Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL, Postman, STS

Description: Developed a backend application to manage student data with features such as Add, View, Update, Delete, and Search by ID and Name. Implemented RESTful APIs using Spring Boot and layered architecture (Controller → Service → Repository). Used DTOs with Jakarta Validation for input validation and clean data transfer. Handled errors using custom exceptions. Connected with MySQL via Spring Data JPA and tested endpoints using Postman. Wrote basic unit tests using JUnit and Mockito to validate service layer logic.

3. Tourist Admin Panel – Full-Stack Web Application

Tech Stack: React.js, Java, Spring Boot, Spring MVC, Spring Data JPA, MySQL, Axios, Postman, STS, VS Code

Description: Built a full-stack admin panel for managing tourist places with features like Add, View, Update, and Delete. Frontend developed using React.js with dynamic form handling and REST API integration via Axios. Backend built in Spring Boot, with RESTful services, CRUD operations, input validation, and custom exception handling. All data is stored in MySQL, and backend APIs were tested using Postman.

EDUCATION

BSC Computer science - JJ College of arts and science, Pudukkottai - **75%(MAJOR)**

2020-2023

CERTIFICATION

Certificate in **Java Full Stack Development**, FITA Academy, Coimbatore

SOFT SKILLS

Quick learner, strong problem-solving ability, team collaboration, attention to detail, and effective communication.