

# LIKHITHA SRI GUNTOJU

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## PROFESSIONAL SUMMARY

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Highly motivated and results-driven recent graduate proficient in Java, HTML, CSS, and JavaScript. Skilled in frameworks like Hibernate and Spring Boot. Experienced with JDBC, JPA, and MySQL. Familiar with tools such as Postman and Microsoft Office Suite. Eager to contribute to dynamic projects and continue learning in a collaborative environment.

## TECHNICAL SKILLS

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- **Programming Languages:** Java
- **Web Technologies:** HTML, CSS, JavaScript
- **Frameworks:** Spring Boot, Hibernate, Spring with JPA, Servlet with JSP
- **API'S:** JDBC
- **Databases:** MySQL
- **Tools:** Postman, Maven
- **MSOffice:** Word, PowerPoint, Excel

## PROJECTS

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### Flight Management System (FMS) Application

Developed a robust Flight Management System (FMS) application leveraging Spring Boot framework, enhancing the efficiency of flight scheduling processes. The application comprised ten distinct classes encompassing various attributes crucial for seamless operation, including airport details, flight information, passenger records, passport data, ticket management, among others.

- Utilized the Spring Boot framework to rapidly develop and deploy the FMS application, ensuring scalability and maintainability.
- Implemented RESTful APIs to facilitate communication with the application, allowing seamless interaction with Postman for testing and debugging.
- Integrated a database management system to store and manage crucial data, employing relational mapping techniques for efficient data retrieval and manipulation.
- Implemented one-to-one and one-to-many mappings between entities such as flights, passengers, passports, and tickets, ensuring data consistency and integrity.
- Leveraged Postman for API requests, enabling efficient testing, debugging, and validation of CRUD (Create, Read, Update, Delete) operations on the FMS application.

Technologies Used: Spring Boot, RESTful APIs, Postman, Database Management System (e.g., MySQL, PostgreSQL), Object-Relational Mapping (ORM), Java.

## Banking System

Description: designed and implemented a comprehensive banking system using Java, aimed at enhancing transaction processing efficiency by 30%. The project encompassed several key functionalities:

- Implemented a robust verification system that authenticated users through a combination of PIN and mobile number validation. Upon successful verification, the system generated a one-time password (OTP) for added security.
- Developed features for account holders to manage their profiles seamlessly. Users were prompted to specify their preferences for both saving and loan accounts, ensuring a tailored banking experience.
- Integrated functionalities for common banking operations, including withdrawal, deposit, and balance inquiry. Users could perform these operations swiftly and securely within the system.

## Memory Card Web Game

Designed and developed an engaging web-based game utilizing HTML, CSS, and JavaScript to enhance user engagement and cognitive skills. The Memory Card Web Game offers a classic memory-matching experience with customizable themes and difficulty levels, providing an enjoyable and interactive experience for players of all ages.

- Leveraged HTML for structuring the game's elements, CSS for styling, and JavaScript for interactive functionality, ensuring a seamless and responsive gaming experience across various devices and screen sizes.
- Implemented the classic memory-matching gameplay mechanic, where players uncover pairs of cards to reveal hidden images or symbols, challenging their memory and concentration skills.

## EDUCATIONAL

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- **B-TECH**, Electrical and Electronics Engineering, **2023**  
Kommuri Pratap Reddy Engineering College, Ghatkesar, CGPA: 7.4.
- **DIPLOMA**, Electrical and Electronics Engineering, **2020**  
Mina Institute of Engineering and Technology, Miryalaguda, with 90%.
- **SSC**, **2017**  
Little Flower Vignana Mandir School, with CGPA: 8.7.

## CERTIFICATIONS

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- Java Fullstack Development, JSPIDERS Dilshuknagar.