DAILA YUVARAJ

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PROFILE

Skilled developer with a strong foundation in Java, Java Servlets, and SQL for database management. Experienced in building and deploying data-driven applications, optimizing database interactions, and enhancing application performance. Proficient in Spring and Spring Boot Data JPA, developing scalable, secure, and efficient web applications with robust backend services and seamless database integration. .

EDUCATION

Jawaharlal Nehru Technological University Anantapur — Kalikiri, AP
Bachelor of Technology in Computer Science and Engineering; GPA: 7.4 — *Aug 2020 - May 2024*

Narayana Junior College — Kurnool, AP
Maths, Physics, Chemistry; GPA: 9.8 — *Jun 2018 - Apr 2020*

SKILLS

Programming Languages: Java,Python (Basics), HTML, CSS
Java Technologies:JDBC,Servlets,JSP
Database :SQl,Pl/SQL
Developer Tools: Eclipse,IntelliJ IDEA,Jupyter,Pycharm,Visual Studio Code
Frameworks: Spring,Springboot Data JPA

PROJECTS

Shopping Cart Management — Dynamic Web Project

- Developed a Maven Project e-commerce application cart management, and checkout.
- Implemented using Java, JSP, Servlets, and SQL for efficient data handling and user interactions.
- Integrated key functionalities such as ”Add to Cart” and ”Buy Now,” enhancing usability and driving engagement.
- Utilized Java, JSP, Servlets, and SQL for backend logic, dynamic content generation, and secure database operations.
- Leveraged Maven for project management and optimized database queries to ensure high performance and scalability.

Spring Boot Layered Application for Data Management. — SpringBoot

- This project involves interacting with a database (Oracle) using Spring Boot, JDBC, and HikariCP for connection pooling. It follows a layered architecture with DAO, Service, and Controller layers.
- Integrated JDBC with HikariCP Connection Pooling – Utilized HikariDataSource for efficient database connection management, improving performance and scalability.
- Implemented Dependency Injection and Spring Annotations – Used `@Service`, `@Repository`, and `@Controller` annotations for seamless dependency management and application modularity.
- Designed and Optimized SQL Queries – Wrote efficient SQL queries to fetch and manipulate employee data based on multiple filters and business logic.

Movie Recommendation System — Machine Learning

- Developed a personalized movie recommendation system using content-based filtering, leveraging vectorization techniques like Bag of Words and cosine similarity to analyze user preferences.
- Integrated Streamlit to build an interactive and user-friendly interface, enabling real-time movie recommendations with seamless usability.
- Optimized the recommendation engine for high accuracy by preprocessing and vectorizing large datasets, enhancing user satisfaction through relevant suggestions.

CERTIFICATES

Java : Slash Mark
Data Science: Infexial Software Solutions Private Limited