Keerthi S R

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Professional summary

Aspiring Java Full Stack Developer with hands-on experience in developing enterprise applications. Proficient in Java, Spring, Hibernate, JDBC, and SQL, with strong problem-solving and debugging skills. Passionate about backend development and eager to apply knowledge in real-world projects..

Experience

Java Full Stack Trainee, X-workz ODC – Rajajinagar, Bangalore   Aug 2024

> I'm currently learning Java Full Stack Development. This means I'm acquiring skills to build complete web applications from scratch.

> Currently expanding my skill set in the following areas: Front-end development for visually appealing and user-friendly interfaces, Back-end integration using Spring Boot and an efficient data management with SQL.

> Developing expertise in Enterprise Application development with hands-on experience.

Frontend Intern, JSpiders – Rajajinagar, Bangalore   Oct 2023 – Jan 2024

> Gained hands-on experience in frontend development, focusing on client-side technologies to deliver visually appealing and interactive web applications. Developed responsive UI components using HTML, CSS, and JavaScript.

Skills and expertise

Programming: Java(core and advance), Object Oriented Programming(OOP).

Backend development: JDBC, JPA, Hibernate, Servlets, Spring framework.

Frontend development: HTML, CSS, JavaScript, Bootstrap.

Database: SQL, MySQL.

Version control and Tools: Git, GitHub, Maven, Lombok, IntelliJ IDEA, VS Code, Eclipse, Tomcat.

Technical summary

Proficient in Java: Skilled in building robust and scalable applications using Java.

Experienced with JPA, JDBC, Servlets, and the Spring Framework (including Spring MVC): Capable of developing comprehensive backend solutions utilizing these technologies.

Proficient in Java Collections Framework: Skilled at utilizing data structures like Lists, Sets, and Maps to efficiently manage and manipulate data.

Skilled in Exception Handling: Capable of implementing robust error management using try-catch blocks, custom exceptions, and adhering to best practices for maintaining application stability.

Experienced in implementing CRUD operations: proficient in creating, reading, updating, and deleting data within applications, ensuring seamless interaction with databases.

Skilled in front-end technologies: Proficient in HTML, CSS, and JavaScript for creating dynamic and responsive user interfaces.

Well-versed in SQL: Experienced in efficient database management and operations.

Experienced with version control and collaboration tools: Proficient in using Git and Git Bash for effective code management and team collaboration.

Utilize Lombok: Employ Lombok to reduce boilerplate code in Java development, enhancing efficiency.

Familiar with Quarkus: Understand the use of Quarkus, a Java framework designed for building cloud-native applications with fast startup times and low memory usage.

Proficient in MySQL: Skilled in using MySQL for database management in Java applications.

Experienced with Hibernate: Utilize Hibernate ORM for mapping Java classes to database tables, facilitating seamless data persistence.

Education

Master of Computer Applications,   Sept 2024
Jawaharlal Nehru New College of Engineering, Shivamogga.
CGPA: 9.1

Bachelor of Computer Applications,   Sept 2022
Smt. Indira Gandhi Govt. First Grade Women's College, Sagara.
Percentage: 81.68

Publications

IoT-Driven Parkinson's Disease Identification   July 2024
Journal of Engineering and Management (JJEM), JNNCE.

Projects

Showroom Management System   2025(Ongoing)

A comprehensive web application for managing vehicle inventory, customer data, and sales processes in automobile showrooms using Spring MVC, JPA, Hibernate, MySQL, and Bootstrap.

github.com/bikeshowroom

Ink And Imagination   2025

A personal creative space where I share curated stories and reflective thoughts. using HTML, CSS, JavaScript, Bootstrap

https://ink-and-imagination

IoT-Based Parkinson's Disease Detection   2024

IoT-Based Parkinson's Disease Detection uses the MPU6050 sensor to monitor and analyze patient movements. The sensor tracks acceleration, gyroscope, and temperature data. Early detection enables timely treatment and improved patient outcomes.

Sports Zone Online Shopping Website   2023

Worked as part of the front-end development team utilizing HTML5, CSS3, JavaScript, and Bootstrap5. Designed and developed responsive, an interactive UI components for a seamless user experience. Collaborated with the back-end team to integrate APIs, ensuring smooth data exchange.

github.com/sportszone

Smart Wheelchair Controlled by Smartphone using IoT   2022

A wheelchair controlled by a smartphone app i.e., Bluetooth controller using Bluetooth (HC-05), IR sensors, and motor drivers (L298N) for navigation. This innovative system enables users to effortlessly control their wheelchair using their smartphone.

Certificates

Java Full Stack Development, X-workz ODC Rajajinagar Bangalore.

Programming in Java, (NPTEL).

Introduction to machine learning, (MOOC Course), VTU.

Social Networking, (MOOC Course), VTU.

National Conference on Exploring the Synergy on AIML IoT, (JNNCE).

Soft Skills Development Program (UNNATI FOUNDATION).