PRIYADHARSINI P

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Professional Summary

Recent Computer Science graduate with hands-on experience in Java development, specializing in Spring Boot and related technologies. Proven ability to design and implement scalable web applications and machine learning models. Notable projects include a sign language recognition system with 90% accuracy, an employee management system, a bus reservation system, and a product catalog system. Demonstrates excellent problem-solving skills, a commitment to continuous learning, and proficiency in collaborative environments. Experienced in Agile methodologies and eager to contribute innovative solutions as a Java Developer.

Technical Skills

- **Programming Languages**: Java (Core, J2EE, OOP),Python(ML, NLP,DL), HTML/CSS, JavaScript, SQL, MongoDB

- **Frameworks/Libraries**: Spring Boot, Hibernate, Thymeleaf, ChatGPT(NLP and Conversational AI)

- **Tools/IDEs**: Spring Tool Suite, Eclipse, IntelliJ IDEA, VS Code, JUnit

- **Database Management**: MySQL, PostgreSQL, MongoDB

- **Cloud/Version Control**: Google Cloud Platform, GitHub

Education

Kings Engineering College, Irungattukottai   **2024**
Bachelor of Engineering in Computer Science, Anna University   **8.52 CGPA**

Experience

The Website Makers   **January 2024 – March 2024**
Java Programming Intern
- Completed a Java Programming Internship, gaining hands-on experience in Java development and application design.
- Contributed to Java-based projects, focusing on coding, debugging, and optimizing performance.
- Participated in the full software development lifecycle, including design, implementation, and testing of web applications.
- Collaborated with a development team, applying Agile methodologies and best practices in Java programming.

Projects

Sign Language Recognition | Deep Learning, CNN
- Developed a CNN-based system for recognizing and interpreting hand gestures for sign language, achieving 95% accuracy in real-time communication.

Employee Management System | Spring Boot, Thymeleaf, Hibernate, MySQL, Swagger
- Designed and implemented a web application to manage 100+ employee records, enabling efficient CRUD operations and data management.
- Utilized Swagger for API documentation and testing, reducing API integration time by 30%.

Bus Reservation System | Spring Boot, Thymeleaf, Hibernate, MySQL
- Developed a web application to manage bus schedules and reservations
- Performed unit testing, increasing application reliability and reducing bugs by 25% before deployment.

Product Catalog System | Spring Data JPA, PostgreSQL
- Created a product catalog system with functionalities to add and display products categorized by name, price, and category.

Certifications

ChatGPT Course Completed   **2023**
GUVI Geek Networks, IITM Research Park

Java Beginner   **2023**
Infosys Springboard

Introduction to Java   **2023**
LearnTube

Java Basic   **2024**
HackerRank

Java Programming Internship   **2024**
The Website Makers