GURU PRASATH S

ASPIRING SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Dedicated Java Developer hands-on experience in building robust backend applications using Java, Java 8, Spring, and Hibernate. Proficient in designing and implementing RESTful APIs, with expertise in web technologies including HTML, CSS, and JavaScript. Skilled in database management using MySQL and tools such as Git, Docker, IntelliJ, Maven, and Postman. Strong foundation in secure, scalable systems, committed to best practices like SOLID principles, design patterns, and continuous learning to deliver efficient solutions.

SKILLS

- Programming Languages: Java(OOPS, Solid,Design pattern), Java 8 (Streams, Lambda Expressions, Functional Interfaces, Collections)
- Frameworks & Libraries: Spring Core Spring MVC, Spring Security, Spring Data JPA, Spring JDBC, Hibernate, JUnit 5, Lombok
- Web Technologies: RESTful APIs, HTML, CSS, JavaScript, JSP, Servlets
- Databases: MySQL.
- Tools & Platforms: Git, GitHub, Postman, IntelliJ,VS Code, Docker, Maven
- Other: OOP Principles, Exception Handling, Multithreading, Concurrency, Design Patterns, SOLID Principles, Adobe Experience Manager (AEM) Site Development
- Operating System: Windows, Linux(Debian, Arch)
- Networking: Tcp/Ip, OSI , Network Architecture,TLS/SSL,.
- Scripting: batch scripting.

RELEVANT EXPERIENCE

Tech Mahindra   October 2024 - Present

Associate Software Developer

- Completed training in Core Java and Java 8 features, applying concepts through hands-on exercises.
- Gained in-depth knowledge of the Spring Framework via multiple practical projects.
- Built and presented a full-featured RESTful CRUD application using Java 8, Spring Boot, and Swagger for API documentation during training.
- Created self-learning JavaScript mini-projects, including a calculator app, color flipper, and UI utilities.

PROJECTS

Billing System – Spring Boot REST API with JWT & RBAC

- Role: Developer
- Technologies: Java, Spring Boot, Spring Security, JWT, MySQL, React, Vite, Lombok

Responsibilities:

- Built a secure billing management application using Spring Boot with JWT-based authentication and role-based access control (RBAC).
- Developed RESTful APIs for managing users, items, and bills following separation of concerns best practices.
- Integrated backend with a frontend developed using React and Vite for a responsive UI.
- Utilized Lombok for reducing boilerplate code and MySQL for database management.

Achievements:

- Created an end-to-end solution for billing processes, enhancing operational efficiency.
- Delivered a fast and secure application with integrated frontend and backend.

Library Management System (Spring Boot REST API)

- Role: Developer
- Technologies: Java, Spring Boot, JPA, Swagger, MySQL

Responsibilities:

- Developed a RESTful CRUD application to manage library books and their relationships with authors using Spring Boot.
- Implemented layered architecture including Entity, DTOs, Service, Repository, Controller, and Mapper layers following best practices.
- Integrated Swagger UI for comprehensive API documentation and testing.
- Utilized JPA for efficient database interactions and MySQL for data storage.

Achievements:

- Created a scalable backend system enhancing data management efficiency.
- Applied SOLID principles and design patterns to ensure maintainable and robust code.

AEM : Custom Component Development

Role: Self-Learner / Developer

- Technologies: Java, Adobe Experience Manager (AEM), OSGi, Sling, JCR, HTML, CSS, JavaScript

Responsibilities:

- Developed custom AEM components with multifield dialogs, tabs, and exporters to enhance content management capabilities.
- Implemented Sling Models and OSGi services to support dynamic content rendering and backend logic.
- Designed and tested component interactions within the AEM environment, ensuring compatibility with existing workflows..

Achievements:

- Successfully created reusable components, improving content authoring efficiency by 20% in a simulated environment.
- Demonstrated proficiency in AEM backend development through hands-on implementation of OSGi bundles and Sling servlets.

EDUCATION

DRBCC Hindu College   April 2024
Bachleor of Computer Science
CGPA :8

ST Joseph Mat Hr school   March2021
12 TH GRADE
Percentage:88%

ST Joseph Mat Hr school   March2021
10 TH GRADE
Percentage:85%

CERTIFICATIONS

- Udemy Core Java
- Udemy Java 8 features
- SOLID Principles & LLD Design Patterns