Anubhaw Pathak

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Objective: -Experienced Java Developer with over 3.2 years in the industry, proficient in Spring Boot, Hibernate JPA, and MySQL database management. Skilled in crafting scalable backend solutions and RESTful APIs, utilizing Microservices architecture for optimal performance. Committed to staying updated with the latest technologies to deliver maintainable and reliable software solutions.

EDUCATION

CV Raman Global University

Bhubaneswar,India|2022

B.Tech in Electronics and Telecommunication

SKILLS

- Core Java
- SQL RDBMS
- Spring Framework
- Spring Boot
- Hibernate
- JPA
- RESTful Web Services
- API Development
- JSP Servlet
- JSP Standard Tag Library (JSTL)
- Amazon Web Services (AWS)

TOOLS FAMILIER WITH

- Eclipse IntelliJ IDEA
- Spring Initializr
- Spring Tool Suite (STS)
- Postman
- Maven
- MySQL Workbench
- Git and GitHub

EXPERIENCE

Novigo Solutions | Bangalore,In
Java Backend Developer | 2021– present

- Engaged Collaboratively: Worked closely with stakeholders to gather requirements and **design custom APIs** tailored to meet their specific needs.
- Expert in Scalable **Java Development:** Demonstrated proficiency in crafting scalable Java code using Spring Boot framework to implement robust APIs that efficiently handle **high loads** and maintain performance.
- Efficient Database Management: Proficiently managed database connections and executed optimized **SQL queries** to ensure seamless interaction with databases, enhancing overall system efficiency.
- Advanced Java Application Development: Developed Java 8 applications utilizing advanced concepts such as **OOP, collections, and multi-threading to achieve optimal performance and scalability.**
- **Leveraged Java 8 Features**: Utilized **Java 8 features** effectively to enhance application functionality, speed, and maintainability, resulting in seamless user experiences.
- Streamlined **RESTful API** Consumption: Integrated Rest Template to streamline consumption of **RESTful APIs**, optimizing application performance and enhancing user satisfaction.
- Comprehensive **API Documentation:** Utilized **Swagger** for comprehensive **API documentation,** ensuring clear and concise documentation for ease of use by development teams.
- **Effective Collaboration:** Collaborated seamlessly with cross-functional teams to deliver successful projects, fostering a collaborative work environment and achieving project goals.
- A**gile Project Management**: Implemented Agile methodologies such as Scrum for effective project management, including sprint planning, daily stand-ups, and backlog grooming.
- **Established Microservices Architecture:** Played a key role in establishing centralized Microservices access and traffic using an **API gateway**, enhancing s**ecurity and efficiency** within the system architecture.

PROJECT DESCRIPTION

- **Project Domain**: - Real Estate and Property Rental.
- **Project name**: - BritHomes 17.1
- **Tools**: - STS (Spring Tool Suite), MySQL Workbench, POSTMAN
- **Technology**: - Core Java, Spring Boot, Hibernate JPA, Rest APIs, MVC Architecture,
- **Team Members**:-7

- The **BritHomes** website is a user-friendly platform for showcasing sustainable property listings with interactive features such as floor plans, community engagement tools, and virtual tours. Developed by a skilled Java Developer with experience in Spring Boot and Hibernate JPA, the website offers detailed property descriptions, high-quality images, and a customer support portal for a seamless user experience. The project aims to create an engaging platform for homebuyers, investors, and community members interested in innovative housing solutions.

- **Property Listings**: Extensive database with detailed property descriptions, high-quality images, and virtual tours for browsing housing options.
- **Sustainable Design Showcase**: Dedicated section highlighting eco-friendly features incorporated into each property.
- **Interactive Floor Plans**: Explore interactive layouts to visualize design features before purchasing.

ROLES AND RESPONSIBILITY

- Designed and developed **RESTful APIs** using the **Spring Boot** framework and **MySQL** database, meticulously creating Entities, repositories, **REST controllers**, and services.
- Configured the **application.properties** file to ensure seamless connectivity with the database and other dependencies.
- Managed project dependencies in the **pom.xml** file, ensuring the inclusion of all necessary libraries and frameworks for optimal performance.
- Demonstrated a deep understanding of **ER diagrams**, effectively utilizing them to translate project requirements into robust code structures.
- Implemented **CRUD operations** to enable users to perform create, read, update, and delete operations on the database with ease.
- Conducted rigorous testing of **APIs** using **Postman**, meticulously ensuring that **HTTP** status codes were appropriately handled for various types of requests and responses.
- Established entity relationships utilizing **OneToOne**, **OneToMany**, and **ManyToMany** mappings, ensuring accurate representation of data relationships in the database.
- Implemented pagination techniques to optimize the performance of **APIs**, particularly when dealing with large datasets.
- Employed exception handling mechanisms and S**pring validators** to maintain data integrity and enhance the performance of **APIs**.
- Utilized the **MVC architecture** to ensure a clear separation of concerns and enhance the maintainability of the codebase.
- Enhanced **API security** measures by implementing Spring Security and **JWT Tokens**, safeguarding APIs from unauthorized access and ensuring data security.
- Implemented Spring profiles to facilitate seamless configuration management and ensure consistent behavior across various deployment environments.
- Leveraged **AWS services** such as RDS and Elastic Beanstalk for deployment, ensuring availability and scalability of the application.
- Improved fault tolerance and performance in a **Microservices** architecture by implementing Saga Design, **Circuit Breaker,** and **Load Balancer mechanisms.**