

Shwetha R

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PROFILE SUMMARY

I am a professional trained fresher as Java Full Stack Developer skilled in Core Java, Advanced Java, and web technologies. Passionate about coding, problem-solving, and learning new technologies. Demonstrated ability to work collaboratively in team environments to deliver high-quality software solutions. Eager to contribute skills and knowledge to drive innovation and meet business objectives as a Java Developer.

TECHNICAL KNOWLEDGE

- Proficient in Core Java and Advanced Java with a strong understanding of object-oriented concepts and design patterns.
- Extensive knowledge of Java programming including Collections and Multi-threading, Streams API, Functional programming, and Lambda expressions using Java 8.
- Experienced in using development tools such as STS, IntelliJ, and Eclipse for Java application development.
- Familiarity with web technologies like HTML, Git & GitHub and understanding of web development principles including security and data protection.
- General knowledge of Agile principles and ability to work in an Agile development environment.
- Strong understanding of OOPs (Object-Oriented Programming) principles and design patterns.
- Familiarity with MVC (Model-View-Controller) design architecture.
- Experience with databases like MySQL and proficiency in working with tools like MySQL Workbench.
- Understanding of RESTful API design principles and experience in implementing them.
- Hands-on experience in developing Java applications using Spring Boot and creating RESTful APIs.
- Proficiency in backend frameworks like Spring MVC, Spring Boot, and Hibernate/JPA/ORM.
- Familiarity with testing frameworks like JUnit for writing unit tests.
- Knowledge of JSP/Servlets and experience with web services (SOAP/REST).
- Basic knowledge of Java Angular for frontend development.
- Strong experience in Spring Boot and Microservices development.
- Good understanding of MySQL database, including Joins and table structures.
- Significant experience in utilizing core features of Spring, such as Dependency Injection and Spring Security.
- Hands-on experience in creating Rest controllers, services, and repositories.
- Proficiency in working with tools like Postman for API testing and implementing pagination and sorting features.
- Skilled in handling exceptions and Generating and working with PDF and Excel files in a Spring application.
- Knowledge of spring validations for data validation and error handling.
- Excellent communication skills for effective collaboration and team coordination.

Educational Qualification

Graduated with distinction from VTU University, holding a Bachelor of Engineering degree with an impressive CGPA of 7.95 Out of 10

Profession Training Underwent

Got trained as full stack java developer for the duration of 7 months from Pankaj Sir Academy. During my training also worked on industrial java / j2ee project.

PROJECT SUMMARY

Project Name: Bus Booking App

Technologies Used: Java, Spring Boot, Spring MVC, Hibernate, MySQL, RESTful APIs, JSON

Project Description:

Developed a mobile application for seamless bus ticket booking, providing users with a convenient and user-friendly platform to search for bus routes, check seat availability, and make online reservations.

Project Scope:

The bus booking app included features such as real-time bus schedules, seat selection, secure payment gateway integration, booking history tracking, and push notifications for updates and offers.

Roles and Responsibilities:

- Developed a highly intuitive and user-friendly web application for seamless bus ticket booking, ensuring a smooth and enjoyable user experience.
- Implemented real-time bus availability and seat selection features, providing users with up-to-date information and enhancing their ability to choose preferred seats.
- Developed the backend logic and RESTful APIs using Java and Spring Boot, enabling seamless communication between the frontend and backend components.
- Implemented comprehensive user registration, authentication, and authorization functionalities, ensuring secure access and protecting user data.
- Created modular components for bus search, seat selection, booking management, and payment processing, enabling streamlined workflows and efficient transaction handling.
- Conducted unit tests and actively performed bug fixes to ensure application stability, reliability, and seamless functionality.
- Developed controllers in Spring Boot to facilitate interactions between the user interface and backend business logic.
- Created entity classes to model and represent the application's data structures accurately.
- Developed repositories in Spring Boot to handle database operations efficiently and securely.
- Integrated email sending services into the application, enabling notifications and communication with users.
- Implemented RESTful Web Services, both for exposing APIs to external clients and for consuming APIs from external services.
- Conducted extensive testing of Web Services using tools like Postman, ensuring the reliability and correctness of API responses.
- Deployed the web application on AWS, leveraging its scalability and availability features to accommodate a large user base and ensure optimal performance.

ADDITIONAL

Languages: Fluency in English, Kannada, Telugu, Tamil & Hindi.

Achievements: Most Disciplined Award winner followed by prizes and certificates from many other sports and cultural events.

Activities: Volunteered in pulse polio, NDD and other government & NGO programs.