Ritika

Associate Software Developer

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EDUCATION

Bachelor of Technology (Electronics and Communications Engineering)   2020 – 2024
Galgotias College of Engineering & Technology   Greater Noida, India
   CGPA : 8

SKILLS SUMMARY

Programming Language
   Java , C++ , HTML , CSS.

Frameworks & Libraries
   Spring Boot , Spring Security , Hibernate , JPA , Angular , JavaFX , Java Swing , Pico CSS.

Technical Knowledge
   Object Oriented Programming , SOLID Principles , REST API , Database Management System (DBMS) , Computer Network , Operating System , System Design .

Development Tools
   IntelliJ IDEA , VS Code , GitHub , Postman , Visual Studio , Postgres , MySQL Workbench , Bitbucket .

Areas of Interest
   Data Structures and Algorithms (DSA) , Problem Solving and Optimization .

PROFESSIONAL EXPERIENCE

Associate Technical Developer in Techhaus Software Services Private Limited   Sep 2024 – present
Tools/Tech Stack Used : **Java , Spring Boot , JPA , Maven , SQL , OOPs , Postman , REST API , Angular , HTML , CSS .**   Gurgaon, India
Warehouse Management System
- Currently working for a **Canada-based client** to develop and implement a **logistic preparation** website.
- Designed the data model and developed backend features for managing orders, including inbound and outbound warehouse operations.
- Implemented bulk upload functionality for products and warehouse locations.
- Developed core inventory management features including stock tracking, product movement, and quantity updates.
- Focused on secure user profile management with robust authentication and efficient handling of user data.
- Optimized backend architecture to support seamless performance and scalability for growing system requirements.

Shipping and logistics management platform
- Contributed to feature development by fixing bugs and implementing user-driven requirements, enhancing system stability and overall performance.

Software Developer Intern in Techhaus Software Services Private Limited   Mar 2024 – Aug 2024
   Gurgaon, India
- Developed and maintained RESTful APIs using Java and Spring Boot, ensuring high performance and responsiveness.
- Automated unit and integration tests with JUnit and Mockito, which increased code coverage to **95%**.
- Applied **SOLID principles** to design and implement **RESTful APIs**, ensuring maintainable, scalable, and robust code architecture.

Software Developer Trainee in Map My India - Mappls   Oct 2023 – Feb 2024
   Delhi, India
- Collaborated with cross-functional teams to design and implement complex software solutions
- Contributed to the Q_Eye project by developing tools in **Java** using the ogr2ogr library.
- Tools/Tech Stack used - **Core Java , ARCGIS , Geospatial software , Visual Studio , JDBC , HTML , CSS .**

PROJECTS

Smart Expenses Tracker   Dec 2024 – Jan 2025
- Designed and developed a comprehensive expense tracking system using **Spring Boot** for efficient financial management.
- Secured the application with robust **authentication mechanisms**, including secure login, password hashing, and session management.
- Implemented modules for **expense categorization**, **goal tracking**, **bill management**, and **CSV export**.
- Added functionality for users to add bills, set deadlines, and receive **notifications** for timely payments and progress tracking.
- **Tech Stack Use - Java , Spring Boot , REST API , MySQL , JPA , Spring Security.**
- **Github Link : https://github.com/ritiz12/smart-expense-tracker** ⊘

CERTIFICATION

- Certificate of Completion - **Data Structures & Algorithms Essentials Using C++** ⊘ .
- Certificate of Completion - **Spring Security** ⊘ along with **JWT** and **OAUTH2**