Ritik Arora

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Career Objective:

Passionate and detail-oriented Backend Developer with a solid foundation in data structures, algorithms, and system design. Experienced in building RESTful APIs, working with relational databases, and optimizing backend workflows using Java, Spring Boot, and SQL. Seeking an SDE role at a technology company to contribute to the development of robust, scalable, and high-performance backend systems while growing as an engineer through challenging real-world problems.

Experience:

Oracle (August 2023 - Present)

- Developed and maintained backend of a **dynamic SQL Queries generator** to automate user group and comment mappings across compliance systems.
- Built **RESTful APIs using Java, Spring Boot, and JDBC** to dynamically generate **5,000+ SQL queries** based on parameters such as **jurisdiction, business domain, user level, and application type**.
- Reduced manual SQL effort by **80%**, improving turnaround time for operations teams.
- Worked on development of a **Shell Script utility** to automate the **import and export of ISO messages**, replacing the previous manual process that required executing **40+ individual scripts** per deployment.
- Consolidated the execution process into a **single command**, significantly simplifying operations for the deployment and packaging of ISO messages.
- Resulted in **exponential reduction of manual effort**, improving operational efficiency and minimizing the risk of human errors during deployments, which empowers the operations team with a **time-saving, error-proof solution**, enabling faster and more reliable deployment cycles.

Technical Skills:

- **Programming Languages:** C++, Python, Java, PL/SQL
- **Software Development:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA)
- **Frameworks & Technologies:** Spring, Hibernate, Django, Oracle JET (OJET)
- **Version Control:** Git, GitHub
- **Database Management:** SQL, PL/SQL, OracleDB
- **Software Development Methodologies**: Agile, SDLC

Achievements:

- **GATE CS 2024** Qualified
- **Competitive Programming & Problem Solving:**
  - Solved 900+ Data Structures & Algorithms problems on GeeksforGeeks 🔗
  - Solved 300+ coding challenges on LeetCode 🔗
- **HackerRank :** Earned 6-star badge in Problem Solving on HackerRank, showcasing strong coding proficiency. 🔗

Certifications:

- Oracle Cloud Infrastructure 2024 Certified AI Foundations Associate 🔗
- SQL (Advanced) – HackerRank 🔗
- RestAPI (Intermediate) - HackerRank 🔗

Education:

- Bachelor of Technology, **Computer Science Engineering** (2019-23)
  Jaypee Institute of Information Technology, Noida - CGPA: 7.5
- CBSE 12th 82%
- CBSE 10th CGPA: 10.0