MRUNALINI DUDHAGAWALI

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Professional Summary

Experienced Software Engineer with **3.5+ years** of proficiency in **Java 11, Spring Boot, Hibernate, SQL, and Git**. Demonstrated expertise in crafting **scalable microservices** with **RESTful APIs** and **optimizing system performance**. Applied **SOLID principles and design patterns** to ensure robust and maintainable code. Successfully **contributed to a retail client's digital transformation** by implementing innovative solutions within a **microservices architecture**. Skilled in collaborating with internal support teams to provide swift issue resolution and uphold system integrity. Passionate about staying updated with emerging technologies and committed to delivering impactful software solutions. Ready to leverage skills and experience to drive excellence in software development initiatives.

Skills

- **Programming Languages:** Java 11, .Net
- **Problem Solving Skills:** Data Structures and Algorithms
- **Framework:** SpringBoot, Spring MVC
- **Database:** PostgreSQL, MySQL
- **ORM:** Hibernate, Spring Data JPA
- **API Development**: Restful API
- **Security Protocols:** OAuth 2.0 for Authentication & Authorization
- **Data Streaming:** Microsoft Azure Event Hubs
- **Testing:** Junit/Mocktio, Wiremock, Pact
- **Version Control:** Tortoise Git, Github
- **Object Oriented Programming (OOP)**
- **Front-end:** HTML & CSS
- **Cloud Technologies**: Azure
- **IDE & Tools:** Eclipse, SonarQube

Work History

Software Engineer   **08/2020 - Present**
Accenture – Pune, India   *Coles Supermarkets, Australia*

- **Microservice Development:** Design, develop, and maintain efficient microservices using Spring Boot, adhering to requirements and coding standards.
- **API Development:** Build robust and secure RESTful APIs, including endpoint design, payload handling, and integration with third-party services or databases.
- **Database Management:** Utilize databases (e.g., MySQL, PostgreSQL) for optimized data models, queries, and indexes.
- **System Integration:** Collaborate with cross-functional teams for seamless backend service integration and design communication protocols.

- **Performance Optimization:** Identify and resolve performance bottlenecks through metrics analysis, code reviews, query optimization, and caching/load balancing techniques.
- **Unit Testing and Debugging:** Write comprehensive JUnit or Mockito tests, and perform debugging and troubleshooting for code quality and issue resolution.
- **Continuous Integration and Deployment:** Configure and maintain CI/CD pipelines for efficient and reliable software delivery.

Key Project Accomplishments:

- Developed and integrated specialized functionalities catering to retail operational needs within the microservices, contributing to a **20% increase in operational efficiency**.
- Played a pivotal role in Coles' digital transformation journey by implementing innovative solutions within the microservices architecture, aligning with the supermarket's strategy. This resulted in a **20% improvement in overall**
system performance.
- Collaborated extensively with the internal support team in providing production support, swiftly addressing technical issues to uphold the integrity of the microservices ecosystem.
- Successfully achieved a notable **15% reduction in issue**

Web Development Intern   **06/2019 - 12/2019**
ICAR-NBSS & LUP– Nagpur, India

- Played a key role in developing a dynamic website for the Soil Research Wing, **utilizing Java, HTML, CSS, and JavaScript.**
- Collaborated with the research team to ensure user-friendly navigation and access to soil research data.
- Implemented interactive features to **enhance the overall user experience** for researchers and stakeholders.
- Developed a backend system using Java for efficient content management on the website.

Certifications

- Azure Fundamentals (AZ-900)
- Azure Data Fundamentals (DP-900)
- Azure Administrator (AZ-104)

Education

Bachelor of Engineering: Computer Science   **06/2016 - 06/2020**
G H Raisoni College of Engineering - Nagpur, India   8.78 CGPA

HSC: Science   **06/2016**
Jajoo Junior College- Yavatmal, Maharashtra, India   72.31%

SSC   **06/2013**
School of Scholars- Yavatmal, Maharashtra, India   9.6 CGPA