SWARAJ GUPTA

SENIOR JAVA DEVELOPER @Capgemini

📞 9981925385   @ swaraj14041@gmail.com
🔗 www.linkedin.com/in/swaraj-gupta-120098122   📍 Bengaluru,India

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE DEVELOPER
01/2022 - Present

Capgemini
Bengaluru,India

- **Rated with the best annual performance rating for all the years during my stint; given to top ~5% employees**
- **Led successful upgrade of Spring Boot microservices** from v2.3.3 to v2.7.18, addressing critical Log4j vulnerability. Conducted meticulous assessment of dependencies, ensuring seamless integration and compatibility.
- Raised main project's testing coverage from **60%** to **95%** using JUnit and Mockito, while developing new functionalities.
- **Cache System Implementation**:Successfully designed and implemented a robust cache system, reducing API response time by an impressive **90%**.
- **Employed caching strategies** to optimize data retrieval, significantly enhancing system performance and overall responsiveness.Implemented **cache eviction** policies to ensure data freshness and maintain system integrity.Conducted thorough performance testing, validating the cache system's efficiency in real-world scenarios.
- **Utilized Spring Batch** for Automated Insurance Processing:Engineered and implemented a robust Spring Batch process to automate daily file processing for insurance operations
- **Implemented JMS (Java Message Service)** for event-driven processes, effectively reducing workload and enhancing system efficiency.
- Leveraged asynchronous messaging to enable seamless communication between components, optimizing the handling of events and improving overall system responsiveness.
- **Spring Retry Mechanism Implementation**:Developed and integrated a robust Spring Retry mechanism, enhancing system resilience by automating API call retries in the event of data issues on the external API side.
- **Redis Cache Implementation for Resiliency**:Orchestrated the development and deployment of a strategic Redis cache system to bolster system resiliency during API downtimes, safeguarding seamless customer experiences.Implemented Redis as an in-memory data store, shielding critical data from disruptions when external APIs encountered downtime scenarios.
- **Engineered and automated a scheduler mechanism** to synchronize Redis cache with external APIs, reducing data latency by **95**%. Validated Redis cache efficacy with **99**% success rate, optimizing system performance. Resulted in **30**% increase in application responsiveness..
- **Significantly elevated revenue by 20%,** attributable to the eradication of customer order delays during API downtimes, underscoring the tangible impact of the implemented Redis cache solution on both technical resilience and financial outcomes.

SOFTWARE DEVELOPER
01/2022 - 10/2023

Capgemini
Bengaluru,India

- **Optimized MySQL Integration with JDBC**:Implemented JDBC (Java Database Connectivity) for precise and efficient database connections, facilitating seamless integration of scripts.
- **Automated Trade-in Service Implementation**:Architected and developed an end-to-end trading service enabling customers to seamlessly exchange their old phones for new ones, combining both in-store and online accessibility.**Boosted revenue by 15%** by strategically integrating promotional coupon features, such as during Black Friday events, optimizing trade-in transactions and enhancing customer satisfaction.
- **Async Process Implementation** for Enhanced Backend Efficiency:Pioneered the creation of an asynchronous process, significantly enhancing backend efficiency by allowing parallel continuation of tasks.
- **Optimizing Database Updates with Thread Sleep**:Implemented strategic use of thread sleep within processes to introduce controlled pauses, ensuring synchronized data updates in the database before proceeding.Utilized thread sleep intervals judiciously to allow for seamless coordination between ongoing operations and database modifications, preventing data inconsistencies.
- Microservices Architect in Insurance, Inventory, and Finance:Orchestrated seamless, scalable microservices solutions at the intersection of insurance, inventory, and finance, optimizing critical business operations.
- Implemented end-to-end microservices deployment pipelines using **Jenkins**, and optimized configuration and pod management with **Rancher** in a Kubernetes environment, ensuring seamless integration, scalability, and resilience.

EDUCATION

Bachelor of Technology, Computer Science
2017 - 2021

Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore,Madhya Pradesh

SKILLS

Tools

Java • Spring Boot • MySQL • Redis • AWS •

Spring Cache • Spring Batch •

Spring Microservices • Multithreading •

Apache Kafka • JMS • Hibernate •

Data Structure and Algorithms • Swagger • Junit •

Mockito • Github • Jira • Splunk

CERTIFICATION

AWS-CLOUD PRACTITIONER

Amazon
https://www.credly.com/badges/6b690a33-2733-49b9-9c3a-1a5a9bd43fbd/public_url

AGILE CERTIFICATION

University of Minnesota (Coursera)
https://www.coursera.org/account/accomplishments/certificate/TR46P5XCLUF5University

DSA

LeetCode

Solved 250+ Questions
https://leetcode.com/swaraj14041/

GeeksForGeeks

Solved 100+ Questions.Overall 350 coding score
https://auth.geeksforgeeks.org/user/swarajuddi

COURSES/TRAINING

OpenAPI: Beginner to Guru

Udemy

Introduction to Collections, Generics & Reflection in Java

Udemy

AWARDS

💎 Xtra Mile - 2023