Ganesh Attili

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Seeking for a challenging position in a dynamic organization where I can utilize my knowledge and experience to a large extent for organizational development and my career growth.

# PROFESSIONAL SUMMARY:

# I am a Full Stack Developer with 3 years of experience in designing, developing, and maintaining scalable web applications. Proficient in both frontend and backend technologies, with expertise in core java, java 8, spring-core spring-boot ,Hibernate spring data Jpa, Junit and Microservices Architecture, SQL Skilled in HTML, CSS, JavaScript, AJAX and jQuery, with ongoing learning Angular, Create Curd Operations and registration and login pages, Strong expertise in developing and optimizing RESTful APIs, ensuring high performance, security, and efficiency. Hands-on experience with AWS Cloud, Jenkins, Jira, Maven, Tomcat, Git, and GitLab CI/CD pipelines, enabling seamless deployment, version control, and cloud integration. Adept at database management, system optimization, and solving complex technical challenges. to apply my skills in a dynamic environment.

**EMPLOYMENT EXPERIENCE:**

* Currently Working as **Software Engineer** | *Application Product Developer* in **Tata Consultancy Services Ltd., Chennai** with a dynamic skill in Software Development.
* Using Core Java, Java 8 Collections Framework, Spring Boot, Microservices Architecture, Oracle, and REST APIs, improved and developed full-stack functionalities of performance-intensive survey applications to enhance their effectiveness and scalability.
* Designed and optimized RESTful APIs using Spring Boot, improving data retrieval efficiency and reducing API response times.
* Collaborated with cross-functional teams to enhance user experience and accessibility across web platforms.
* Actively participated in daily code reviews and architectural discussions, contributing to best practices for code quality and maintainability.

**Software Development & Agile Process:**

* Gathered FSD (Functional Specification Document) requirements from clients by collaborating with Business Analysts.
* Collaborated with cross-functional teams to align web initiatives with business goals, driving brand visibility and platform scalability.
* Confirmed details with stakeholders before initiating the development process
* user stories based on requirements and planned design and development within 1-2 week sprints.
* Assigned story points and provided daily updates in JIRA, tracking progress and modifications.
* Committed code changes to Git daily, ensuring version control and collaboration.
* Presented developed features to the lead, detailing implementation aspects for code review, while actively engaging in daily code discussions, contributing to architectural decisions, code reviews, and best practices to enhance code quality and maintainability.

***Responsibilities* & Production Support:**

* IT approval, transferred the code to the IT Testing Team for validation.
* Prepared release notes and communicated updates via release emails after successful testing.
* Implement RESTful APIs and integrate third-party services.
* Debug, troubleshoot, and resolve application issues.
* Built and integrated Oracle for efficient data storage and retrieval, improving query performance for client demo projects
* Retrieved database column details from the admin interface, formulated queries in Oracle DB, and integrated them into the application.
* Managed System Integration Testing (SIT) to validate all modifications, including schema name updates.
* Completed SIT testing and progressed changes to User Acceptance Testing (UAT), making necessary adjustments to queries and schema names.
* After UAT approval, deployed changes to Pre-Production and Production environments.
* Investigated and resolved production issues, ensuring system stability and minimal downtime.

**Documenting the MK Docs Developed Application:**

* To ensure a well-organized record of our project activities, we created MK Docs, covering
* Project details and requirements for clarity on objectives.
* Code repositories and version history to track development progress.
* Team members and their roles for better collaboration.
* Development milestones and completed tasks for easy reference.
* This documentation serves as a valuable resource for future reference and knowledge transfer. Additionally, we developed the MK Docs application to simplify project documentation and enhance accessibility.

**Work Experience – Projects**

**Omni Store E-Commerce Project: Retail POS System  
Description:**

* Omni Store is an enterprise-level Retail POS (Point of Sale) system designed for offline retail stores. It enables seamless transaction processing, inventory management, taxation, promotions, and receipt generation, ensuring a smooth checkout experience for customers. The system supports various payment methods and integrates with backend services for efficient data management.

**Domain:** Retail  
**Team Size:**34

**Methodology:** Agile

**Technologies:**

* Core Java, Java 8, Spring Boot, Microservices, Hibernate, Spring Data JPA, REST APIs, Oracle, SQL, Maven, Swagger UI, Postman, Docker, Jenkins, Git, GitLab CI/CD, AWS

**Key Responsibilities:**

* Developed and enhanced microservices for core modules like Product, Price, Tax, Promotion, Transaction Support (Txn), Basket, Tender, Receipt, and Cash Office.
* Designed and optimized REST APIs using Spring Boot and tested them with Postman and Swagger UI.
* Implemented caching strategies with Cache Loader and Distributed Caching to optimize system performance.
* Developed batch processing functionalities for handling bulk data operations.
* Integrated with Oracle DB, retrieving column details, framing queries, and ensuring data consistency.
* Coordinated SIT (System Integration Testing) and UAT (User Acceptance Testing), ensuring smooth deployments. Managed source control and CI/CD pipelines using Git, Jenkins, and GitLab CI/CD for seamless deployments.
* Monitored and resolved production issues, deploying patches and ensuring system stability.
* Created and maintained MK Docs for project documentation, including requirements, code repositories, team details, and deployment history.

**IndusInd Bank UPI Payments & Credit card Transactions  
Description:**

* The UPI & Credit Card Transaction Reporting System is designed to process and generate reports for both UPI payments and credit card transactions. The system fetches transaction details from the Oracle database, processes data using Java 8 Collections, and generates reports using Jasper Reports. It provides banks and financial institutions with insights into transactions, fraud detection, and reconciliation.

**Domain:** Banking & Finance  
**Team Size:**9

**Technologies**: Java 8 (Collections Framework), Spring Core, REST APIs, Oracle, SQL, iReport Designer Jasper Reports, Maven Postman

**Key Responsibilities:**

* Developed REST APIs using Spring Core for fetching transaction data and generating reports.
* Used Java 8 Collections Framework to process large datasets efficiently.
* Designed and implemented Jasper Reports for UPI Transaction Reports (Success, Failure, Refunds, Reconciliation)
* Credit Card Transaction Reports (Payments, Statement Generation, Disputes)
* Optimized complex SQL queries in Oracle for data retrieval and aggregation.

## Projects:

# Banking Application: <https://github.com/GLSNR/BankingApplication>

# E-commerce-order: <https://github.com/GLSNR/e-commerce-order>

# EMS: <https://github.com/GLSNR/EmpManSys>

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| TECHNICAL SKILLS | **AWARDS & ACHIVEMENTS** |
| * **Languages:** Core Java, java-8,collectionframework,spring-core, Spring Boot, Restful APIs, Hibernate, Spring data Jpa, Junit,Microservices Architecture oracle, SQL HTML, CSS JavaScript jQuery, AJAX basics on Aws Docker, Angular Js Typescript * **Development Tools:** Eclipse IDE, STS, Postman, Jira, Jenkins, Maven, Git,Mkdocs,Swagger-ui | * Received ‘A’ band 2 times in the yearly performance with A being the highest one. * Awarded as best performer in Java training by Eureka. * On the sport Award * Best Team Performance Award |
| **EDUCATION** | **CERTIFICATION** |
| * MCA (Master of Computer Applications) B.V Raju College, Bhimavaram in 2021 with 80.5%. | * AWS Cloud Practitioner CLF-C02. * Java Spring boot training from Eureka. |

# DECLARATION

I hereby declare that the above information is true to the best of my knowledge.

Place: Hyderabad

Date:

[A.Ganesh]