JEBIN EDWIN

 A results-driven and success-oriented Software Engineer with 5.5 years of experience in designing, developing, and optimizing robust backend systems using Java and cutting-edge cloud technologies, with a proven track record of delivering business-critical solutions with a strong focus on scalability, reliability, and code quality. Proficient in building distributed microservices, swiftly resolving complex production issues, and driving high-impact end-to-end feature rollouts under tight timelines, possessing deep understanding of SDLC, cloud-native development, and distributed system design. Eager to bring strong technical expertise, a passion for innovation, and a problem-solving mindset to a dynamic organization focused on impactful engineering where I can continuously grow, embrace new technologies, and contribute meaningfully to business success with utmost dedication

TECHNICAL SKILLS

Languages : Java, Python
DB language : MySQL, MongoDB, HQL, Redis
Code version control : Git, SVN
Reporting Tool: Jasper Report
Other Tech : Spring Data JPA ,Rest
Messaging Queue : Kafka
Cloud Tech : AWS S3, ECR, ECS, EMR, EC2, API gateway, lambda, Dynamodb, Elastic cache
Intermediate Skills : Golang, JavaScript, Spark, Pandas, Numpy,HTML5, CSS, Bash script

Frameworks : Spring boot, JSF, Spring MVC
IDE : NetBeans, IntelliJ IDEA, Eclipse
Libraries : Primefaces, Apache POI, GSON
ORM Tool : Hibernate
API Testing Tool : Postman
Build Tools: Maven, Docker
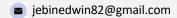
PROFESSIONAL EXPERIENCE

FLYTXT- Dec 2022 – Present

- Developed a **Loyalty Management** feature for retail clients, improving their customer retention
- Designed and implemented **Geo-location-based triggers**, enhancing customer acquisition and increasing conversions for our tenants
- Contributed to the migration from **Volt DB to Redis**, optimizing system architecture and improving performance by 40%
- Developed a **one-click SQL Database Migration Utility**, automating the migration of on-prem databases to cloud with XML and JSON parsing, eliminating manual processes.
- Implemented **NLP based segmentation**, optimizing KPI-driven marketing automation and significantly reducing marketers' time and effort.
- **Enhanced marketing canvas workflows** by introducing **wait periods and automation features**, improving **customer engagement and conversion rates**.
- Collaborated with the AI/ML team to develop a **content recommendation system**
- Refactored a **monolithic archiver into multiple components—HDFS, HBase, JDBC, S3, and Stream archivers**—enabling independent scaling, improved performance, and enhanced fault tolerance.
- Implemented an **asynchronous downloader** for exporting large **BI reports**, significantly reducing processing time
- Fixed several critical bugs which ensured product stability and reliability
- Actively participated in **production deployments and infrastructure upgrades**, ensuring minimal downtime and system resilience.
- Integrated **Multi-Factor Authentication (MFA)** into the login system, enhancing security by adding an additional layer of user verification

CONTACT

📞 8220853919

✉ jebinedwin82@gmail.com

EDUCATION

BE Mechatronics –SNSCT **– 8.6 CGPA**
HSC – CMHSS **– 90%**
SSLC – CMHSS **- 98.6%**

SOFT SKILLS

Problem Solving	Hardworking
Adaptability	Leadership
Acuity	Multitasking
Learning Agility	Analytical

LANGUAGES KNOWN

English, Tamil, Malayalam

HOBBIES

Music Production & Sound Design
Playing keyboard, guitar for bands

POSITIONS OF RESPONSIBILITY

Guided two resources during inventory module development
Was the secretary of YRC at CMHSS
Was the president of Fine arts club at SNSCT
Organised an intercollegiate cultural fest "ALLORA" at SNSCT

PUBLICATION

"IOT and its connectivity challenges in smart home", IRJET, December 2016

TECHCENT IT SOLUTIONS - Nov 2019 – Dec 2022

- E-way bill, E-invoice integration for invoices, BOS, CN, DN
- In PMS module, was involved in gathering functional requirements and developed timesheet (hierarchical)
- In production module, developed job order along with BOM
- Developed dynamic work flow status in sales order, sales quotation, sales invoice
- In payroll, developed OT approval flow as well as shift-resolver
- Developed Inventory module with multiple warehouse feature along with stock transfer as well as freeze-stock in sales order for optimizing product manufacturing, tracking, scheduling, delivery
- In Accounts, developed receive payment screen and unallocated amount flow to track the advances, excess amount provided by the customer
- Analyzed, designed and developed case-pack mapping and shipment-plan
- Designed and developed sales order summary against invoice, DC as well as purchase order summary against GRN
- Developed price-list uploader
- Designed and developed a dynamic report generator framework
- Designed and developed a dynamic field generator with custom values in drop down depending on client need which reduced lot of extra development each time based on client's requirement from different domains
- Developed excel reports for GSTR 1A -Return Filing using Apache POI
- Transformed several HQL queries to MySQL and also added indexes which paced up the functions 80% more for huge datasets
- Co-Developed a support module for the ERP in which several repeated issues can be sorted out easily with flexibility which saved the requirement of an extra resource to handle support from dev side (For accounts credit debit mismatch due to roundoff and Inventory stock mismatch)
- Developed a configurable stock on hand qty alert as well as stock ageing alert
- Developed GRN Inspection flow
- Has written complex queries for reports and dashboard using MySQL
- Has involved in all stages of SDLC from gathering requirements from BA/product manager, designing the system, fixing production bugs at shorter notice
- Integrated with Whatsapp for sending invoices to the customers through AWS S3
- Co-Developed a framework for auditing previous activities for tracking and monitoring

KEY ACHIEVEMENT

- Won **Champion of the Quarter** award Q1 2023 -2024 at Flytxt

PERSONAL PROJECTS

- Developed a food recommendation application that suggests personalized meal plans based on users' current metrics (weight, BMI, goals), food habits, and allergies
- Built a system that recommends the best playing XI for a cricket match based on historical performance, player statistics, and match conditions.