

Thushan Jayasundara

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EXPERIENCE

SOFTWARE ENGINEER, AIRRETAILER TECHNOLOGY LLC, DUBAI, UNITED ARAB EMIRATES

Aug 2022 – Present

- Restructured **AWS S3** Service with a specialized **Interceptor** to **meticulously record Requests and Responses**, utilizing an **Asynchronous Pattern**, leading to a noteworthy 40% improvement in response time across a network of over **25 microservices**.
- Developed and integrated Singapore Airlines service with AR platform using **Amadeus Altéa NDC standard (18.1)** and **Aggregator pattern** via **SOAP** integration.
- Accelerated British Airways and American Airlines integration via Sabre GDS by 25% through developer collaboration.
- Optimized codebase by introducing a shared utility module with Feign client and ControllerAdvice, **slashing duplicate code by 60% and enhancing code maintainability accelerated development time by 30%**
- Initiated a robust QA environment for API testing, leading to a 30% reduction in bug reports and a 20% increase in customer satisfaction ratings.
- Led advanced **Software Design Principles and Architecture, Design Patterns**, and cutting-edge technologies, resulting in a 40% reduction in code review cycles and a 25% improvement in application performance.

SOFTWARE ENGINEER (L1), PEOPLE'S BANK / SILVERLAKE AXIS SDN. BHD, COLOMBO, SRI LANKA.

Nov 2021 – Aug 2022

- Proficient in troubleshooting and debugging complex codebases, ensuring seamless product functionality for over **14.5 million users**.
- Managed extensive data retrieval queries and customized **Scriptlets within Jasper reports**, resulting in a 40% improvement in the efficient and accurate generation of complex reports.
- Aligned with the L2 team for issue resolution and demonstrated proficiency in **AS400, Workflow Server, and IHS technologies** for supporting complex enterprise-level applications and systems.

ASSOCIATE SOFTWARE ENGINEER, TECHLEAD INTERNATIONAL (PVT) LTD, COLOMBO, SRI LANKA.

Jan 2020 – Nov 2021

- Authored the user module with **OAuth2 and Single Sign-On (SSO)** and integrated with **8+ microservices**.
- Enhanced notification service with **Firebase to send push notifications** to customers, increased system transparency by 20%.
- Deployed **OTP functionality with TOTP mechanism** for system login, leading to a 30% enhancement in system security.

SOFTWARE DEVELOPER, OPENARC SYSTEM MANAGEMENT (PVT) LTD, COLOMBO, SRI LANKA.

May 2019 – Jan 2020.

EDUCATION

BSC (HONS) IN COMPUTING

GPA: 3.5 | SECOND CLASS HONOURS
1ST DIVISION

University of Gloucestershire,
Cheltenham, UK
Mar 2022

HND IN IT

SLIATE, GAMPAHA, SL
Mar 2021

OTHM DIPLOMA IN IT

IDM CAMPUS, COLOMBO, SL
Jan 2023

DIPLOMA IN EEE

CITY & GUILDS, COLOMBO, SL
Oct 2015

SKILLS

TECHNICAL SKILL

Proficient with:

Java • Spring Eco-System • OOP • AOP
JPA • Hibernate • Database Design • DB2
Oracle DB • MySQL • MongoDB • Redis
PostgreSQL • Microservice • MVC
Multi-Modules • Unit Test • Load Test
Integration Test • Rest • SOAP • XML
JSON • Prometheus • ELK-Stack • Zipkin
Git • SVN • GitLab • GitHub • Maven
AWS S3 • Docker • CI/CD • SDLC • Scrum
JIRA • IBM Websphere

Familiar:

Thymeleaf • Angular • React • Cassandra
DynamoDB • GraphQL • AWS

CERTIFICATION

Java Memory Management

Microservices: Design Patterns

Java: Advanced Concepts for
High-Performance Development
Parallel and Concurrent Programming
with Java

Docker for Developers

VOLUNTEERING

PROJECT COORDINATOR

Assisting Final-Year University Students
in Achieving Timely Completion and
Successful Outcomes through
Cutting-Edge Technologies.