Gayal Dassanayake

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Software Engineer with 4 years of experience in building end-to-end solutions using Java, Message brokers, Docker, and Kubernetes

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Top Skills

- **Java** - 4 years of industry experience contributing to the WSO2 Integration Platform while using Java concepts like SPI, CLI frameworks, and networking libraries
- **Message brokers** - Successfully developed production-grade event-driven systems with message brokers like RabbitMQ, ActiveMQ, and Solace
- **Docker, Kubernetes** - CKAD certified, and worked with real-world deployments
- **AI Agents** - Regularly use AI code agents like Claude Code and MCPs to improve productivity

Work Experience

WSO2 LLC

Provides open-source software for digital transformation - API Management, Integration, CIAM

Senior Software Engineer 02/2024 – Present

- Developed ActiveMQ, Solace, & Debezium CDC connectors for the WSO2 Integration Platform
- Implemented integration solutions addressing customer requirements using RabbitMQ
- Developed the static code analysis tool for the WSO2 Integration Platform

WSO2 LLC

Software Engineer 05/2022 – 02/2024

- Implemented the tool concept in the WSO2 Integration Platform
- Contributed to the test framework of the integration DSL (Ballerina) of the WSO2 Integration Platform
- Improved the dependency resolution and the package concept of the integration DSL
- Improved the functionality of the integration DSL compiler extensions

WSO2 LLC

Intern Software Engineer 10/2020 – 04/2021

- Developed the OracleDB connector for WSO2 Integration Platform

Education

BSc.(Hons) Engineering, University of Moratuwa 2017 – 2022

- GPA - 3.89/4.2

Diploma in Computer System Design, NIBM 2016 – 2017

- GPA - 3.92/4.0

Certifications

Certified Kubernetes Application Developer (CKAD) Valid through 2024 – 2026

Projects

Ballerina CDC Connector 2024 – Present

Production-grade Change Data Capture listener for the WSO2 Integration Platform, built on Debezium. Streams real-time database changes from MySQL, MSSQL, PostgreSQL, and OracleDB into event-driven Ballerina services.

Technologies used - Java, Ballerina, Debezium

GitHub Repository - https://github.com/ballerina-platform/module-ballerinax-cdc

DocSense 2025

A RAG pipeline that answers natural language questions about Ballerina connector docs using hybrid search — dense embeddings, BM25, and RRF fusion — backed by Qdrant and Claude.

Technologies used - Python, FastAPI, Qdrant, RAG

GitHub Repository - https://github.com/gayaldassanayake/docsense

Sasnaka Sansada Web Application 2020

Back-end developer for Sasnaka Sansada, a community service organization. Implemented functionalities of authentication, event management, and automated email generation.

Technologies used - Node.js, Express.js, PostgreSQL, Jest, Docker

GitHub Repository - https://github.com/gayaldassanayake/sasnaka-backend

Hosted Website - https://sasnaka.org/

Ballerina Static Code Analysis Tool 2024

CLI tool for static analysis of Ballerina projects, with extension points for custom rules and integration with platforms like SonarQube.

Technologies used - Java, Ballerina

GitHub Repository - https://github.com/ballerina-platform/static-code-analysis-tool