




Dimuth Menikgamage

 dimuthcse@gmail.com |  (+65) 8450 3337 |  822315, Singapore

 [LinkedIn: linkedin.com/in/dimuththaraka](https://www.linkedin.com/in/dimuththaraka) |  [GitHub: github.com/dimuthnc](https://github.com/dimuthnc)

PROFESSIONAL SUMMARY

Experienced and results-driven **Software Engineer** with 8+ years of expertise in **banking, financial services, API management, identity and access management, middleware, and distributed systems**. Proven record in **microservices architecture, enterprise integration, open banking compliance, and application security**. Strong contributor to **digital banking and fintech innovations**, with success in designing scalable platforms, improving performance, and leading teams.

SKILLS

Programming Languages: Java, Python, JavaScript, Ballerina, Shell Script, C

Frameworks & Tools: Spring Boot, Hibernate, Apache Camel, Cucumber, PF4J, WSO2 MSF4J, Kubernetes, Docker, Maven, Git, IntelliJ IDEA, VS Code, GitHub, GitLab, Argo CD

Databases: PostgreSQL, MS SQL Server, MySQL, Oracle, H2

Middleware & Integration: WSO2 API Manager, WSO2 Identity Server, WSO2 Micro Gateway, Apache Kafka, IBM MQ, Apache Tomcat, S3-Compatible Storages

Concepts & Standards: REST API Design, Identity & Access Management (IAM), Enterprise Integration, Open Banking, Open Finance, Consent Management, Fraud Detection, Microservices, OAuth 2.0, OIDC, JSON, AVRO, Swagger/OpenAPI

Operating Systems: Linux, MacOS, Windows

PROFESSIONAL EXPERIENCE

Crédit Agricole Corporate and Investment Bank | Current Workplace

Oct.2023 – Present

- Designed and implemented a multi-purpose integration platform using Apache Camel and Kafka to connect storage systems, message queues, and REST APIs.
 - Developed audit and message replay mechanisms leveraging Event Sourcing patterns.
 - Integrated loan-related payment flows (SEPA, cross-border payments) into the bank's data reporting ecosystem.
 - Applied enterprise integration patterns and best practices to ensure scalability and reliability.
-

WSO2 |

Jan. 2018 – Sep. 2023

Associate Technical Lead (May 2021 – Sep 2023)

Senior Software Engineer (Jun 2019 – May 2021)

Software Engineer (Jan 2018 – Jun 2019)

- **Led the design and implementation of the WSO2 Open Banking Accelerator (OB 3.0)** with a team of 10 engineers, enabling client banks to meet regulatory compliance.
- Improved system performance by **75%**, reducing latency and enhancing transaction throughput.
- Provided **onsite consulting in the UK and Israel**, delivering Open Banking solutions, Proof of Concept (POC) demos, and client customizations under tight regulatory deadlines.
- Implemented core Open Banking features, including:
 - Gateway request routing & execution frameworks
 - Fraud detection and transaction risk analysis integration
 - Conditional Strong Customer Authentication (SCA)
 - gRPC-based data publishing for micro-gateways
- Enhanced WSO2 API Manager with **Swagger schema validation and header validation features**.
- Contributed to **WSO2 Identity Server** with key identity provider implementations.
- Held multiple roles: **Product Owner, Support Team Leader, Release Manager, Consultant, and Customer Success Engineer**, supporting SLA compliance (L1–L3 support).
- Recognitions: **WSO2 Committer (2018), Sustained Outstanding Contribution Award (2019)**.

EDUCATION

University of Moratuwa

Mar. 2013 – Jan. 2018

Honours degree of Bachelor of Science in Engineering [B.Sc (Hons) in Engineering], Majors (Computer Science and Engineering)

- Academic Standing: **Second Class Upper Division** | GPA: **3.61 /4.20**
- Final Year Project: *Spatio-Temporal Forecasting of Dengue Propagation using Mobility Data*
 - Built a machine learning model combining mobile network big data (MNDB) and weather datasets.
 - Technologies: Python, Scikit-Learn, XGBoost, TensorFlow, Apache Spark, Flask

ACHIEVEMENTS

- **Certified Kubernetes Application Developer. (Certified on March 2025)**
- G.C.E Advanced Level Examination: A Passes for all three Subjects with a Country Rank of 358 (within Top 2%)
- Mathematics Olympiad, Sri Lanka. High Distinctions in 2009 & 2010
- **IEEEExtreme Programming Competition** – World Rank: 314 (2015), 424 (2016)

ARTICLE PUBLICATIONS

[Why Banks Should Consider Becoming Third Party Providers](#) (WSO2 Library Article)

[A Deep Dive of Transaction Risk Analysis for Open Banking and PSD2](#) (WSO2 Library Article)

[Integrating Fraud detection systems with Open Banking](#) (Medium Blog)

[How to limit number of active concurrent user sessions with WSO2 Identity Server](#) (Medium Blog)