

SANDUN W. A. K.

Senior Software Engineer | JAVA, Cloud

+65 815 0 2292 | wakschamara@gmail.com | Grafton, Auckland 1010, NZ

LinkedIn: <https://linkedin.com/in/wannix> | GitHub: <https://github.com/wannix> | Web: <https://wannix.github.io>

PERSONAL STATEMENT

Senior Backend Developer with 8+ years of experience, including nearly 3 years in Singapore's banking sector delivering secure, scalable systems. Expert in Java, Spring Boot, and microservices architecture. Proven track record of building resilient backend solutions and leading engineering excellence in high-stakes environments.

TECH STACK

<u>Backend Development</u>	<u>Security & Quality</u>	<u>Messaging & Caching</u>	<u>DevOps & Cloud</u>	<u>Monitoring & Debugging</u>
Java 8/11/17/21	OAuth2 / OpenID Connect	Kafka	Git, Maven	ELK Stack
Spring Boot / Batch	RedHat SSO / Cloudflare	Redis	Docker	Dynatrace
Spring WebFlux / REST	Conjur / HashiCorp Vault	RabbitMQ	Kubernetes	New Relic
Hibernate / JPA	Contrast Security		AWS (ECS, EKS,	Grafana
MySQL, Postgres	Junit, Mockito		S3, IAM)	VisualVM
gRPC / GraphQL	SonarQube		Jenkins	
Spring Cloud Gateway	Coverity / Black Duck		OpenShift CP	

EXPERIENCE

Oversea-Chinese Banking Corporation Ltd, Singapore | 10/2022 – Present

Onsite - Outsourced via vendor Optimum Solutions (SG) Pte Ltd

Role: Senior Software Engineer | Industry: Banking and Financial

Projects:

- LLMS/LEAP – Loans Lifecycle Management System | 03/2024 – Present

OCBC LEAP is a modern Loan Lifecycle Management platform developed for bank Resource Managers, leveraging Java and Spring Boot microservices. It automates and optimizes end-to-end loan processes, improving operational efficiency and enabling scalable, flexible tools to manage corporate customers.

Responsibilities

- Led Java ecosystem modernization by upgrading microservices from JDK 11 to JDK 21 and migrating Spring Boot from 2.x to 3.x versions, ensuring compatibility and leveraging latest performance improvements
- Enhanced entitlement management services through performance tuning and code optimization, ensuring efficient access control and authorization processes
- Implemented Windward integration for automated credit application document generation, enabling seamless PDF export functionality for LLMS workflows
- Collaborated with cross-functional teams to validate performance improvements and ensure quality standards during framework upgrades and integrations

Tech Stack: Java 21, Spring Boot, Spring Batch, Spring WebFlux, gRPC, GraphQL, Windward, Postgres, Camunda

- OCBC INB Decomm | 10/2022 – 03/2024

OCBC INB Decomm is a migration of a legacy .NET-based monolithic internet banking platform to a modern, microservices-based architecture using Java and Spring Boot. The platform supports all core consumer banking functionalities and is built for scalability, performance, and maintainability in a high-security banking environment.

Responsibilities

- Led the migration of a legacy .NET based monolithic internet banking platform to microservices using Java and Spring Boot
- Designed and implemented RESTful APIs (consumed by web/mobile) integrated with Redis, Kafka, and MySQL on Kubernetes/OpenShift
- Conducted code reviews, mentored junior developers, and ensured TDD with JUnit and Mockito
- Collaborated with QA/PT/AppSec Teams to define test plans, reducing defect leakage and accelerating release cycles

Tech Stack: Java 11, Spring Boot, Spring Cloud Gateway, Kafka, Redis, MySQL, Conjur, Docker, Kubernetes, OpenShift, Junit, Mockito, Jenkins, SonarQube

Wiley Global Technology Pvt Ltd, Sri Lanka | 12/2020 – 09/2022

- Associate Technical Specialist | 07/2022 – 09/2022
- Senior Software Engineer | 12/2020 – 07/2022

Projects: ALM (Access and License Management)

Industry: Educational Publication

ALM is a digital identity and entitlement platform designed to manage user authentication, authorization, and access control. The platform was modernized using microservices and integrated with Red Hat SSO, enabling scalable and secure identity management across Wiley's digital ecosystem.

Responsibilities

- Developed robust Java-based microservices and responsive ReactJS front-end interfaces for Identity Access Management (IAM) and Licensing modules
- Containerized microservices using Docker and enhanced CI/CD via GitLab pipelines, significantly improving deployment speed and system scalability
- Migrated content delivery network (CDN) services from AWS CloudFront to Cloudflare, improving performance, scalability, and global caching efficiency
- Mentored junior developers and contributed to technical hiring, fostering a high-performing team culture and ensuring adherence to clean code principles and architectural standards

Tech Stack: Java 8/11, Spring (Boot, Security & Cloud), LDAP, Active Directory, Red Hat SSO, OAuth2, OpenID Connect, Cloudflare, HashiCorp Vault, Kafka, Docker, Hibernate, Hystrix, AWS (ECS, EKS, S3, Route53, CloudFront), Junit, Mockito, Maven, ReactJS, Git, Jenkins, SonarQube, Dynatrace, Grafana, Contrast Security, Fiddler

Earlier Experience (09/2016 – 12/2020)

- Pearson Lanka Pvt Ltd, Sri Lanka | **Software Engineer** | 02/2019 – 12/2020
- SYNERGEN Health, Sri Lanka | **Software Engineer** | 04/2017 – 02/2019
- SYNERGEN Health, Sri Lanka | **Associate Software Engineer** | 03/2017 – 04/2018
- ITESS Pvt Ltd, Sri Lanka | **Software Engineer Internship** | 09/2016 – 03/2017

PROFESSIONAL QUALIFICATIONS

- **Software Architecture & Design of Modern Large-Scale Systems** – Udemy (2025)
Credential Id: [UC-ba774da7-2a60-42d9-aca3-b77c318220a2](#)
- **Java Multithreading, Concurrency & Performance Optimization** – Udemy (2025)
Credential Id: [UC-49e78a88-3bbf-4884-8ef8-d4ba04cddda4](#)
- **AWS Certified Developer Associate** – Amazon Web Services (2018 – 2021)
Credential Id: [NQVLD3P1CJE11DGD](#)

ACADEMIC QUALIFICATIONS

- **Bachelor of Science (B.Sc.) in Computer Science**
University of Colombo School of Computing | Sri Lanka (2014 – 2017)
- **G.C.E. Advanced Level** (High School)
Narandeniya Central College | Sri Lanka (2009 – 2012)
Z-Score: 1.8691/ Island rank: 930
Combined Mathematics – A | Physics – A | Chemistry – B

REFERENCES

- **Kevin Yee Zhong-Li** | Product Owner LLMS (Vice President – GWB Modernization Platform)
OCBC Bank, Singapore
 inboxkevin@gmail.com |  +65 938 99 000
- **Prabath Dolawatta** | Senior DevOps Engineer
Flux Federation Limited, New Zealand
 prabath.dolawatta@gmail.com |  +64 27 366 3468