

# Tharaka De Silva

## Software Engineer

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🌐 tharakadesilva

### Skills

**Languages** (Java, Kotlin, Groovy, GoLang, JavaScript, TypeScript, Python, HTML5, CSS3, SQL),  
**Frameworks / Libraries** (Spring Boot, React, NextJS, Redux, NodeJS, Tensorflow, Selenium),  
**Database Software** (DynamoDB, MongoDB, MySQL, PostgreSQL, Oracle, Microsoft SQL Server),  
**CI / CD Tools** (Docker, Kubernetes, OpenShift, Jenkins, TravisCI, Maven, Gradle, Bazel),  
**Cloud Service Providers** (Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)),  
**Other** (Java EE, JVM Internals, REST, gRPC, Github, Microservices, Unit Testing, Algorithms, NoSQL, SOLID, TDD, Protobuf, Kafka)

### Professional Experience

05/2022 – present  
Amsterdam,  
Netherlands

#### Software Engineer II - Java Developer Experience

*Booking.com* [🔗](#)

- Developed and maintained robust Java-based libraries and framework libraries, including Dropwizard and SpringBoot, enhancing the developer experience for Java developers at Booking.com and serving as the primary point of contact for all Java-related inquiries.
- Instrumental in the organization's successful adoption of Spring Boot while managing Maven configurations on Artifactory and maintaining Renovate to ensure up-to-date dependencies across organizational repositories.
- Supplied Java Docker images and Helm charts for the majority of Java applications and demonstrated expertise by creating multiple proofs of concept, including Amazon Kendra integration and Bazel remote caching and remote execution with BuildBuddy.
- Conducted bootcamp sessions for Booking's graduate program, mentored and integrated new team members, streamlining the onboarding process for new engineers and expediting their acclimation to the organization and its workflows.
- Acted as a liaison between the JDK licensing provider and the Booking organization, providing crucial support for Java-related projects and initiatives.

05/2021 – 05/2022  
Singapore

#### Software Engineer

*M-DAQ* [🔗](#)

- Seamlessly integrated M-DAQ's payment and receivable system by developing tailored solutions for clients, easing currency exchange friction during multi-currency transactions, and proactively establishing new partnerships with liquidity providers for enhanced support and minimized foreign exchange fees.
- Collaborated in the design and implementation of a Visa-based debit card system, leveraging a fully serverless architecture and multiple AWS resources while creating user-friendly internal UIs for efficient client onboarding and streamlined system configuration management.

09/2020 – 04/2021  
Colombo, Sri Lanka

### Senior Software Engineer

Sysco LABS [↗](#)

- Pioneered the design and implementation of a GoLang-based CLI tool for streamlined CI/CD processes and guided new employees in adopting API Central infrastructure and associated processes.
- Applied essential software design expertise to tailor Apigee features, such as OAuth, to Sysco's workflows and facilitated the uninterrupted migration of API Central from WSO2's solution to Google's Apigee platform.
- Successfully transitioned API Central deployment from a Rancher-based configuration to an AWS ECS-based setup while establishing a CloudWatch-centric alerting system for real-time monitoring and prompt issue resolution.
- Served as a proxy for the organization's entire traffic, maintaining and enhancing the vital API Central platform, which supported up to 10,000 TPS and ensured seamless integration across all teams.

10/2019 – 08/2020  
Colombo, Sri Lanka

### Software Engineer

Sysco LABS [↗](#)

05/2018 – 09/2019  
Pittsburgh, PA, USA

### Software Engineer

Virtusa (PNC Bank) [↗](#)

08/2017 – 02/2018  
Mankato, MN, USA

### Quality Assurance Engineer

FPX [↗](#)

03/2016 – 08/2017  
Mankato, MN, USA

### Quality Assurance Intern

FPX [↗](#)

## Education

01/2015 – 12/2017  
Minnesota, USA

### Bachelor of Science in Computer Information Technology

Minnesota State University, Mankato [↗](#)

Minor: Mathematics

GPA: 3.5

08/2013 – 12/2014  
New Jersey, USA

### Coursework in Electrical Engineering

Fairleigh Dickinson University Metropolitan Campus [↗](#)

## Certificates

**TensorFlow Developer Certificate** [↗](#) (10/2021 - 10/2024),

**Sun Certified Web Component Developer for the Java Platform, EE 5** (06/2009 - present),

**Sun Certified Mobile Application Developer for Java Platform, ME 1.9** (05/2009 - present),

**Sun Certified Java Programmer for the Java Platform 1.4** (06/2008 - present)

## Organizations

2014 – present  
Teaneck, NJ, USA

### Zeta Beta Tau Fraternity

Member

Delta Pi - Fairleigh Dickinson University Metropolitan Campus

2020 – 2021  
Colombo, Sri Lanka

### Toastmasters of Sysco LABS

Secretary

2016 – 2017  
Mankato, MN, USA

### MavLankans (Sri Lankan Student Association)

Vice President

Minnesota State University, Mankato

2013 – 2014  
Teaneck, NJ, USA

### International Students Association

Secretary

Fairleigh Dickinson University Metropolitan Campus