

Curriculum Vitae

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Name : **Sachith Lakmal Palle Malala Arachchi**
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Personal qualities

I have over a decade of experience in full-stack development, specializing in Java-based projects since 2013. My expertise spans various aspects of software engineering, with a particular focus on **Domain-Driven Design** (DDD) and **Cloud-Native** technologies.

I am passionate about creating **well-structured**, **methodical**, and **complete software solutions**. Whether working independently or as part of a team, I thrive under pressure and maintain a strong commitment to delivering high-quality results. My work is characterized by creativity, imagination, and a dedication to solving complex challenges.

In my spare time, I actively contribute to open-source projects and host many of my personal development projects on [GitHub](#).

My role models include **Martin Fowler**, **Eric Evans**, **Robert C. Martin**, and **Vaughn Vernon**—professionals who have significantly influenced my approach to software development.

Education

- **Master's Degree - Big Data Analytics**
Robert Gordon University
01/2023 - Present
- **Bachelor of Science - Software Engineer**
Chamber of Chartered Java Professionals International
01/2009 - 12/2011
- **High school/ College**
Ananda College - Colombo
1995 - 2008

Work experience

Air Retailer Technologies LLC - Dubai, UAE

Oct 2022 - Present

- **Technical Specialist** - Apr 2023 - Present
- **Technical Team Lead** - Apr 2023 - Sep 2023
- **Senior Java Developer** - Oct 2022 - Apr 2023

Air Retailer is a leading software company specializing in providing solutions for the [air retailing](#) industry. With a strong focus on the NDC (New Distribution Capability) standard and GDS (Global Distribution System) integration.

- Developed and implemented scalable software solutions, optimizing performance and enhancing user experience
- Played a key role in architectural design and decision-making processes, contribution to the development of robust and maintainable systems
- Collaborated with cross-functional teams, including product managers and designers, to gather requirements and deliver high-quality software solutions
- Demonstrated expertise in agile methodologies, managing project timelines, prioritizing tasks, and delivering on project milestones
- Actively participated in code reviews and conducted thorough testing to ensure the delivery of bug-free and reliable software products
- Established coding standards and best practices that improve code maintainability, resulting in a 40% reduction in time spent on debugging over six months while enhancing overall team productivity.
- Identified and resolved complex technical issues, ensuring minimal disruption to project timelines and maintaining high levels of client satisfaction
- Actively mentor junior developers, guiding them in adopting best practices and optimizing the code base for improved performance. By fostering a collaborative and growth-oriented environment, facilitate their professional development, ensuring a strong and cohesive development team.

Silverlake Axis Sdn. Bhd. - Malaysia

07/2018 - 04/2022

- **Technical Specialist - Dec 2017 - Oct 2022**

Silverlake Digital Economy was founded in 2012 as a FINTECH with an unusual vision. Most FINTECHs are focused on applying a disruptive technology to niche aspects of banking. Silverlake Digital Economy is focused on accelerating the move of a whole bank into the digital world of the 4th Industrial Revolution by providing a complete e2e banking software platform. In the period to 2016, Silverlake Digital Economy built a platform that encompassed all the digital bank execution needs using JAVA and Open Source to create new simplified digital banking processes. The Digital Bank Platform provides the customer experience and STP processes for all products and services of a commercial bank and 'speed to market' configurations to manage them in a new digital world of continuous, fast-moving change.

- Proven track record in performance fine-tuning in a production environment, optimizing systems to enhance efficiency and meet client requirements
- Committed to delivering exceptional results, continuously striving for excellence, and exceeding client expectations
- Skilled in mentoring and grooming on-site support teams, fostering a collaborative environment and empowering team members to excel in their roles on the platform
- Demonstrated expertise in providing valuable consultation to client IT teams regarding production platform housekeeping and maintenance tasks, ensuring the smooth operation of critical systems

Certifications

- Oracle Certified Professional, Java EE Web Component Developer
- Oracle Certified Professional, Java SE Programmer

Technical Skills

Core Skills

- **Java (7, 8, 11, 17)** : Proficient in various versions of Java with strong object-oriented programming (OOP) principles.
- **Spring Framework**: Expertise in:
 - **Spring Boot**: Building microservices and cloud-native applications.
 - **Spring Cloud**: Integration with cloud platforms, managing distributed systems (e.g., Netflix OSS, Spring Cloud Config, Eureka).
 - **Spring MVC**: Building web applications.
 - **Spring Data**: Working with databases using repositories and JPA.
 - **Spring Security**: Authentication and authorization.
 - **Spring Batch**: Handling batch processing tasks.

Cloud-Native Technologies:

- **Cloud Platforms**:
 - **Amazon Web Services (AWS)**: Using services like EC2, S3, RDS, Lambda, CloudWatch, CLI
 - **Google Cloud Platform (GCP)** or **Microsoft Azure**: Familiarity with cloud-based services and infrastructure.
 - **Kubernetes**: Orchestrating containerized applications.
 - **Docker**: Containerization for isolated application environments.
- **Microservices Architecture**: Expertise in designing, developing, and deploying microservices using Java Spring technologies.
- **APIs & Communication**:
 - **RESTful Web Services**: Design and implement RESTful APIs.
 - **gRPC**: High-performance communication for microservices.
 - **Message Brokers**: Proficiency with **Kafka**, **RabbitMQ** for event-driven architectures.

Databases:

- **Relational Databases**: MySQL, PostgreSQL, MS SQL, IBM DB2.
- **NoSQL Databases**: Cassandra, MongoDB, DynamoDB, Redis.
- **Database ORM**: JPA, Hibernate for database interactions.

DevOps and CI/CD:

- **CI/CD Tools:** Jenkins, GitLab CI, Maven, Gradle.
- **Version Control:** Git, SVN
- **Monitoring:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana.
- **Logging & Observability:** New Relic, Zipkin for tracing, and centralized logging.

Best Practices:

- **SOLID Principles:** Writing clean, maintainable, and scalable code.
- **Clean Architecture:** Adherence to design patterns for maintainability.
- **Clean Code:** Focusing on simplicity, readability, and refactorability.
- **TDD (Test-Driven Development):** Writing unit, integration, and automated tests.