

VASANTHAKUMAR RAJAMANICKAM

Johor, Malaysia | Open to Singapore & Remote
+60 11-1141 1851 | vasantrajamanickam@gmail.com | [LinkedIn](#)

Senior Software Engineer with 4+ years of experience delivering production-grade Android and backend solutions within banking and high-scale consumer platforms. Expertise in Kotlin, Java, Spring Boot, REST API development, CI/CD pipelines, and production Go-Live operations. Proven ability to act as sub-lead, collaborate across business and technical stakeholders, and deliver high-quality, well-tested software in regulated environments.

PROFESSIONAL EXPERIENCE

Accenture – Packaged App Development Sr. Analyst

Oct 2022 – May 2025 | *Banking Domain*

- Designed, developed, and maintained scalable **microservices-based RESTful APIs** supporting core banking functions using **MVC** architecture principles.
- Acted as sub-lead, coordinating developers and aligning technical execution with evolving business and regulatory requirements.
- Utilized existing CI/CD pipelines with **Jenkins** and **ArgoCD** to trigger builds and monitor Dockerized deployments across environments.
- Contributed to defect triage and resolution across **DEV, SIT, UAT, and Production**, ensuring system stability and high availability.
- Managed database design using **PostgreSQL** and **MySQL**, with schema versioning via **Liquibase** and **Flyway**.
- Utilized **Kafka** for event-driven communication, and **Elasticsearch** for efficient search and log analysis.
- Configured **consumer groups** to parallelize message processing and scale throughput, ensuring ordered, partition-aware consumption for transaction-sensitive banking flows.
- Implemented error-handling and retry strategies for **Kafka consumers**, including dead-letter handling and idempotent processing to guarantee no message loss in financial transactions.
- Collaborated with infrastructure teams on **topic design, partitioning, and replication** decisions to support reliability and horizontal scaling of event streams.
- Enforced code quality standards and static analysis practices using **SonarQube**, alongside comprehensive **Unit and Integration Testing** strategies.
- Participated in overseas Go-Live deployment, ensuring zero critical post-release incidents in a highly regulated banking environment.
- Collaborated closely with BA, iOS, Android, Backend, QA teams, and external vendors to deliver multiple major feature releases.

Kaodim Sdn Bhd – Software Development Engineer I

Apr 2021 – Feb 2022 | Consumer Technology

- Maintained and enhanced Android applications serving users across **4 regional markets**, leveraging **MVVM architecture** to improve code structure, testability, and scalability.
- Contributed to end-to-end mobile release management for **Google Play Store** and **Huawei AppGallery**, utilizing **Fastlane** and **CircleCI** to streamline releases.
- Monitored application stability using **Google Crashlytics**, proactively identifying crash patterns and resolving issues to improve user experience.
- Refactored and migrated legacy **Java** codebase to **Kotlin**, reducing technical debt and improving maintainability.
- Collaborated closely with UI/UX designers and backend engineers to deliver seamless customer journeys and optimize API integrations.
- Diagnosed and resolved production issues, contributing to improved app stability and customer satisfaction.
- Contributed to feature enhancements and performance optimizations to support a growing consumer user base.

National University of Malaysia – Research Assistant

Sep 2020 – Feb 2021

- Developed Android applications for **Smart Attendance** and **COVID Tracker**, implementing **MVVM architecture** with **Coroutines**, **LiveData**, and **Dagger Hilt** for clean, maintainable, and responsive code.
- Designed intuitive UI/UX flows and integrated **REST APIs** for seamless data exchange with the backend.
- Built and maintained backend services using **PHP** with the **Slim Framework**, managed database operations with **MySQL**, and leveraged **Composer** for dependency management.
- Ensured end-to-end functionality by bridging Android frontend with backend APIs, enabling accurate attendance tracking and COVID monitoring.
- Applied best practices for modular design and code readability, supporting future enhancements and scalability of research applications.

SEEKA Technologies – Python Developer

Aug 2019 – Feb 2020

- Developed customized web scrapers using **Python** and **Selenium WebDriver** to extract structured data from dynamic websites.
- Improved and optimized scraping scripts to enhance performance, reduce execution time, and increase data extraction reliability.
- Performed **data cleaning and preprocessing** to filter, validate, and transform raw scraped data into usable formats.
- Designed and implemented an end-to-end pipeline to scrape, process, and upload data into the main database.
- Automated repetitive data collection tasks to improve efficiency and reduce manual effort.

EDUCATION

Bachelor of Computer Science (Hons) – Software Technology
Universiti Kebangsaan Malaysia (UKM)

CERTIFICATIONS

[Google Play Academy – Store Listing Certificate \(2024\)](#)

CORE SKILLS

Language: Java, Kotlin, Python, PHP, SQL

Architecture & Design: MVC, MVVM, RESTful, SOLID, HLD

DevOps & Quality: Docker, Jenkins, CircleCI, ArgoCD, SonarQube, Unit & Integration Testing

Databases & Messaging: PostgreSQL, MySQL, Flyway, Liquibase, Redis, Elasticsearch, Kafka

Tools: Git, GitHub/GitLab, Postman, JIRA, Confluence, Kibana, OpenSearch, PgAdmin