KARL ANTHONY KISSEY LAGMAN

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CAREER OBJECTIVE

Java Developer offering strong expertise in backend development and IT solutions, seeking freelance or part-time opportunities to deliver efficient, scalable, and high-quality results for clients and projects.

PROFESSIONAL SUMMARY

Seasoned **Java/J2EE Backend Engineer** with 16+ years of experience in designing, developing, and delivering enterprise-grade, scalable, and high-performance applications. Specialized in **Spring Boot microservices, API integration (REST, SOAP, GraphQL), event-driven architectures (RabbitMQ, ASB, Kafka), and database optimization (SQL, Redis)**. Adept in **cloud-native deployments (Docker, AKS, CI/CD pipelines), security (OAuth2, JWT, Spring Security)**, and observability (Kibana, New Relic, Devo, ADX). Recognized for **technical leadership, mentoring teams, and driving solutions from design to production** with a strong focus on clean code, system performance, and reliability.

CORE TECHNICAL STRENGTHS

Languages & Platforms
- **Java (Core & Enterprise), Java/J2EE stack** with experience across business, web, and client-server solutions.

Core Java Expertise
- In-depth knowledge of **OOP**, collections, generics, exception handling, multithreading/concurrency, I/O, and **JVM fundamentals** (e.g., garbage collection).

Frameworks & Architecture
- **Spring & Spring Boot microservices**, **Hibernate & Spring Data JPA**, and **JDBC** for direct data access.
- **EJB and Java EE components** for legacy/enterprise environments.

API & Integration
- **RESTful API** design and implementation (JSON), **SOAP-based web services**.
- **GraphQL API design** (modern alternative to REST).
- **Event-driven messaging** using **RabbitMQ, Azure Service Bus (ASB), and Spring Cloud Stream**.
- **APIM** (Azure API Management) for secure and scalable API lifecycle management.

Design Patterns
- Core patterns: **Singleton, Factory, Builder, Observer, Decorator, Proxy**.
- Enterprise patterns: **DAO, MVC (Model–View–Controller)**.

Data & SQL
- **Oracle PL/SQL**, SQL query optimization, and stored procedures.
- **Redis** for caching and high-performance data access.

- ORM mapping, schema interaction, and performance tuning.

Application Servers & Runtimes

- **Apache Tomcat, Jetty**; experience deploying and tuning Java web applications.

Testing, Quality & Security

- **JUnit, Mockito, SOAP UI/ReadyAPI** for service validation.
- Code quality and security tools: **Sonar, Fortify**.
- **OAuth2, JWT, and Spring Security** for authentication and authorization.

Observability & Monitoring

- **Kibana** for log visualization and analytics.
- **New Relic** for performance monitoring and APM.
- **Devo** for centralized log management.
- **ADX (Azure Data Explorer)** for fast data analysis and telemetry.

Front-End & UI Exposure (Secondary)

- **HTML, CSS, JavaScript, jQuery, AJAX** for lightweight web UIs.
- Advanced desktop UI: **Java Swing (expert)**, JavaFX & Rich Client Platform.
- Basic Android SDK familiarity (layouts, views, activity lifecycle).

Build & Tooling

- Build automation: **Maven, Ant**.
- **Docker** for containerization of applications.
- **CI/CD pipelines** with **Jenkins**.
- IDEs: IntelliJ IDEA, Eclipse, NetBeans.
- **AKS (Azure Kubernetes Service)** for containerized deployments.

Process & Collaboration

- Full SDLC involvement: requirements, design, implementation, testing, release, and support.
- Agile methodologies: Scrum ceremonies, sprint planning, daily standups.
- Leadership & Communication: Experienced in technical planning, mentoring, and managing team deliverables as a **Project Lead Engineer**. Known for critical thinking, problem-solving, and effective client communication.

PROFESSIONAL EXPERIENCE

Manulife IT Delivery Center Asia, Inc., Makati City
Senior Software Engineer
April, 2020 – Present

Job Responsibilities:

- Builds, codes, tests, maintain high quality software
- Participates in Agile sprints and ceremonies; supports rapid iteration and development
- Translates user requirements into software requirements
- Responsible for designing, developing, testing, maintaining and improving application APIs as a member of a team, works across key data, orchestration, rules and transactional stacks through the entire application and system development life cycle.
- Builds code to specifications and standards
- Builds and codes moderately complex software
- Contributes code across BUs
- Has positive impact to specific organizational entities & has some understanding of the nature of the impact

- Usually a top contributor to team's success
- Analyzes, codes, and tests software components as defined by the PO and team
- Creates and conducts executable tests, continuously integrating code into the overall software framework
- Reviews current software framework to identify defects and opportunities to improve performance and stability
- Completes and ensures completion of any required documentation required e.g. deployment, maintenance, support and business needs
- Researches technical strategies, third party tools, and current and new technologies to deal with emerging technical issues and improve development efficiency
- Promotes agile principles and methodology
- Applies disciplined coding practices to enable agility and delivery of high quality code
- Conducted code reviews with colleagues for making sure that the code is correct, well-architected, secure, and maintainable

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Yondu Inc., Bonifacio Global City
Associate Manager – Software Engineer
November, 2018 – March, 2020

Job Responsibilities:
- Involved in Agile methodology to get updated with team.
- Involved in Daily SCRUM meetings and SPRINT Meetings like Showcase, Retrospect and Planning meetings.
- Used Spring MVC framework and implemented various design patterns like Singleton, Factory, Decorator and Builder Pattern.
- Used Spring DAO on the Data access layer in conjunction with HBase/Phoenix, Hive, Redis, and AzureDB.
- Explored Spring Cloud Stream to send and receive messages using RabbitMQ between Spring Boot apps.
- Built REST API end-points for various concepts.
- Testing JSON output using Advanced REST Client or POSTMAN.
- Created regular Rest end-points that would be to create, read with ID, read All , Update and Delete CRUD
- Used JUnit framework for Unit testing of application.
- Used Git version control system for check in and check out code.
- Written Integration Tests that will be executed on Jenkins CI Server.
- Participated in weekly Backlog Grooming meetings with Product Owners.
- Worked on Swagger API and auto-generated documentation for all REST calls
- Resolved bugs during Hardening Sprint Testing before Release.
- Conducted code reviews with colleagues for making sure that the code is correct, well-architected, secure, and maintainable.

Collabera Technologies Private Limited, Inc., Makati City
Senior Software Engineer
August, 2017 – November, 2018

Job Responsibilities:
- To assist the co-developers, analyst and designers in conceptualizing and development of the software programs and applications.
- To assist in research and development requirements of the users.
- To assist in writing, translating and coding software programs and applications according to specification.
- To assist in running and monitoring software performance tests on new and existing programs for the purpose of correcting errors, isolating areas for improvement and general debugging.
- To assist in resolving problems with software products of company developed software systems.
- To receive guidance and directions from senior software engineers.
- To perform other work-related task/duties assigned by the Department Manager.

Managed Uptime Services, Inc., Quezon City
Java Developer
November, 2008 – August, 2017

Job Responsibilities:
- Defines site objectives by analyzing user/client requirements; envisioning system features and functionality.
- Designs and develops user interfaces by setting expectations and features priorities throughout development life cycle; determining design methodologies and tool sets; completing programming using languages and software products; designing and conducting tests.
- Integrates applications by designing database architecture and server scripting; studying and establishing connectivity with network systems.
- Recommends system solutions by comparing advantages and disadvantages of custom development and purchase alternatives.
- Completes applications development by coordinating requirements, schedules, and activities; troubleshooting development and production problems across multiple environments and operating platforms.
- Supports users by developing documentation and assistance tools.
- Trained and mentored junior programmers in programming methodologies and best practices.
- Acted as a consultant for other Java projects and web-based projects using PHP, JS, CSS, etc.

TECHNICAL SKILL SET

Programming Languages: Java (Core & JEE), C, Visual Basic, VB.NET

Java & Enterprise Technologies: J2SE, J2EE, JSP, Servlets, JDBC, JavaBeans, EJB (Session & Entity Beans), JPA

Core Java Concepts: Collections, Generics, Multithreading, Serialization, Exception Handling, RMI, File I/O

API & Integration: GraphQL API Design, REST, SOAP, JAX-WS

Frameworks & Libraries: Spring (Core, MVC, Security), Spring Boot, Hibernate, Thymeleaf

Authentication & Security: OAuth2, JWT, Spring Security

Web Technologies: HTML, CSS, JavaScript, jQuery, Bootstrap, XML

Databases & Storage: Oracle, MySQL, CosmosDB, HBase, Hive, Azure Data Explorer (ADX), Redis (in-memory store)

Messaging & Eventing: RabbitMQ, Azure Service Bus (ASB)

Cloud & Containerization: Pivotal Cloud Foundry (PCF), Docker, Kubernetes (AKS)

CI/CD & Build Tools: Jenkins, Concourse, Maven, Ant

Monitoring & Observability: Kibana, New Relic, Devo

API Management: Azure API Management (APIM)

Version Control: Git, SVN, CVS

IDEs & Tools: IntelliJ IDEA, Eclipse, NetBeans, Android SDK

Defect Tracking & Project Tools: JIRA

Application Servers: Apache Tomcat, JBoss, Jetty

Design & Modeling: Object-Oriented Analysis & Design (OOAD), UML

Testing Frameworks: JUnit, Mockito

Operating Systems: Windows, Unix/Linux, macOS

EDUCATION

Interface Computer College, Caloocan
Associate in Computer Technology
Graduated in 2008

CHARACTER REFERENCES

Abigail Zafra
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