CHRISTIAN CIRINEO

Java Backend Developer

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SUMMARY

7+ years working as a Java Software Engineer focused on developing Java-centric applications and implementing RESTful APIs. Proven track record of designing scalable microservices architecture with strong knowledge of Spring Boot, Docker, CI/CD pipelines, Git, AWS and various relational database management systems leveraging experience in diverse OOP concepts.

TECHNICAL SKILLS

- **Programming Expertise:** Java, JavaScript, TypeScript, SQL, Python, Bash/Shell, C/C++, XML, HTML, CSS
- **Databases & Platforms:** PostgreSQL, MySQL, Oracle, MSSQL, MongoDB, Redis
- **Frameworks & Libraries:** Spring (Spring Boot, Spring MVC, Spring Data), Hibernate, Maven, Gradle, React, jQuery, JUnit
- **Development Tools:** Amazon Web Services, Docker, Apigee, Git, JIRA, Postman, SOAP UI, Jenkins, Camunda, Kubernetes

WORK EXPERIENCE

ENCORA INC.

Software Engineer *September 2021 – March 2024*

- Developed the payment hub microservices of a travel management company using Spring Boot, MSSQL, MongoDB, Redis, AWS, Docker, Kafka with OAuth and JWT to set up various financial merchants and implement card authorization, capture, reversal, and refunds on the payment gateway.
- Implemented RESTful APIs to integrate payment processing with Stripe, Amadeus, and HDFC Payment Gateways, accepting a variety of card formats and handling complex financial scenarios with banks.
- Designed process workflows integrated with Camunda platform to reduce overall system memory consumption by 13%.
- Mapped different external travel booking formats such as CSV, XML, and flat files to the internal JSON travel booking format.
- Introduced Checkstyle, PMD, and Spotbugs to improve overall code quality and migrated services to Java 17.
- Enabled AWS lambda triggers for developer notifications, automated ServiceNow case creation for production errors, Kibana dashboard monitoring for stakeholders and awarded "Extraordinary Client Services" recognition in Encora's Global Awards 2022.

NOVARE TECHNOLOGIES INC.

Software Engineering Lead *July 2020 – September 2021*

- Supervised the design & development phase of the communication management APIs & Microservices including database schemas using Spring Boot, MySQL, Hibernate, RabbitMQ, Docker and Kubernetes for the front end React user interface.
- Created CI/CD pipeline for AWS ECS deployment using Bash including Dockerfile templates and Kubernetes clusters.
- Conducted regular code reviews tied to on-going component development and built technical documentation including Sequence and Class diagrams using PlantUML for all APIs developed.
- Collaborated with Technical Manager and Business Analyst to ensure project success and deliver high-quality solutions.

Senior Software Engineer *September 2018 – June 2020*

- Developed RESTful Microservices using Spring Boot for sending money and accounts enrollment for a large bank with integrations to Amazon SQS and S3 along with CRUD operations on PostgreSQL database.
- Designed and developed 100+ API proxies in Apigee API Management gateway with implementations of rate limiting, caching, security, CORS, and transformations.
- Implemented company developer portal using Swagger and OpenAPI specifications.

ACCENTURE INC.

Software Engineer *December 2017 – August 2018*

- Developed point-of-sale transaction backend functionality using payment application APIs including SOAP and REST endpoints for the largest Japanese fashion clothing brand helping them drive an increase of 15% online annual sales.
- Consumed SOAP based web services with integration to SAP endpoints, Oracle databases, and handling large data imports/exports using Java.

Associate Software Engineer *June 2016 – November 2017*

- Implemented ETL from legacy ESB services and automated utility payment aggregation using Java.
- Mapped and consumed REST APIs and SOAP web services to new electric grid modernization technology standards.
- Designed and implemented e-mail optimized graphic notification templates using HTML5 and CSS3.

Software Engineering Intern
- Wrote different test cases and suites using JUnit, Hamcrest, and Spring Test framework to increase code coverage to 93%.

EDUCATIONAL BACKGROUND

🏛 **University of Santo Tomas**

Bachelor of Science in Computer Science *(Graduated with Latin Honors – Cum Laude)*
📅 *June 2012 – June 2016*

OTHERS

Certifications: Google Cloud - Apigee Certified Professional API Engineer – April 2020 | Google for Education Basics Exam PASSER – February 2015 | PhilNITS: ITPEC Fundamentals of IT (IP Exam Passer, Level 1) – October 2014
Publications: "MarkToLock – An Image Masking Security Application via Insertion of Invisible Watermark using Steganography and Advanced Encryption Standard (AES) Algorithm" (Published in IEEE Xplore) – ICASI 2016 Best Conference Paper Award