Rolly David James Castillo

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SUMMARY

Software Engineer with 6 years of experience developing and deploying scalable and reliable applications using Java, Spring Boot, and cloud technologies in Agile environments. Proven ability to deliver high-quality code, as demonstrated by successful contributions to multiple complex projects within tight deadlines.

WORK EXPERIENCE

Java Developer, Executive
March 2021 – Present

Macquarie Group Ltd, Inc

- Engineered and deployed a suite of performant and scalable microservices using Java, Spring Boot, Kafka, and AWS, implementing core functionalities such as bulk data import, secure document storage and archiving, email processing, access control, and ensuring seamless integration with existing systems.
- Implemented a comprehensive testing strategy encompassing unit, integration, and architectural conformance tests using JUnit, ArchUnit, and Test Containers, achieving 90% code coverage and significantly mitigating the risk of production defects.
- Led the migration of critical legacy and 3rd-party applications to a modern microservices architecture, significantly reducing operational costs and streamlined business processes.
- Built and maintained CI/CD pipelines and cloud infrastructure on EKS and ArgoCD, integrating with observability tools (Splunk, Loki, Prometheus) and secure secret management using Hashicorp Vault, ensuring high availability and security.

Application Developer
October 2019 – July 2020

IBM Solutions Delivery, Inc (Client: Bank of the Philippine Islands)

- Developed and integrated Java/Spring Boot microservices for critical banking projects, including a real-time money transfer service and a service that streamlined the credit card application process for faster approvals, utilizing both SOAP and REST APIs.
- Mentored junior developers by conducting knowledge transfer sessions, providing code reviews and facilitating collaborative problem-solving, accelerating their onboarding and contributing to team productivity.

Software Engineer I
October 2017 – September 2019

Novare Technologies Ltd (Client: Mynt (Globe Fintech Innovations, Inc))

- Developed and deployed microservices for remittance and P2P payment platforms, processing over one million monthly transactions, supporting a rapidly growing user base.
- Contributed to all phases of the software development life cycle(SDLC), ensuring timely delivery and high-quality code, from requirements analysis and design to development, testing, deployment, and production support.
- Led knowledge-sharing initiatives by hosting brown bag sessions on emerging technologies such as Docker and Kubernetes, enhancing team expertise and promoting adoption of best practices.

TOOLS AND SKILLS

Languages: Java
Web Technologies: Spring Boot, Docker, Kubernetes, ArgoCD
Messaging/Integration: Kafka, Netflix Conductor,Mule ESB
Databases: PostgreSQL, MySQL, MongoDB, ElasticSearch
Build Tools: Gradle, Maven
Version Control: Git
Testing Frameworks/Tools: JUnit, ArchUnit, JMeter, Postman
IDE: Intellij IDEA
OS: Windows, Linux, MacOS

EDUCATION

Polytechnic University of the Philippines
San Juan City, Philippines

Bachelor of Science in Information Technology
June 2012 – April 2016