Mark Anthony Arnaez

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Profile Summary

Seasoned Software Engineer with over 10 years of hands-on experience in developing innovative software solutions that drive business success. Skilled in aligning technology with client objectives, with a proven track record of delivering critical features on time and improving system performance. Expertise in leading cross-functional teams, implementing complex solutions, and driving continuous improvements. Committed to staying ahead of emerging technologies and actively contributing to team growth and knowledge sharing.

Skills

`Java` `Springboot` `Hadoop` `HBase` `Hive` `SQL` `NoSQL` `Mapr` `Kafka` `KSql` `HDFS` `Linux` `Shell` `Python` `JavaScript` `Ansible` `Jenkins` `Maven` `HTTP` `XML` `JSON` `SOAP` `Git` `GitHub` `OOP` `REST` `Web Services` `DevOps` `Agile` `SDLC` `Backend` `Database` `API` `Big Data` `CI/CD` `Cassandra` `Mockito` `JUnit`

Experiences

JPMorganChase, Philippines

Software Engineer III - AVP
April 2024 - Present

- Migrated 7 Spring Boot APIs from Cassandra to Oracle/JPA, achieving over 90% JUnit code coverage and ensuring seamless data integration and system performance post-migration.
- Performed comprehensive environment health checks and developed automated solutions to streamline monitoring tasks, improving system reliability and reducing manual oversight by 30%.
- Configured and optimized CI/CD pipelines for deploying applications across multiple servers, resulting in a 40% reduction in deployment times and improved consistency across environments.
- Engineered a utility to compare API results between two servers, providing key performance metrics such as time differences and matching/mismatching JSON response bodies, enabling quicker identification of discrepancies and enhancing troubleshooting.
- Developed a SIT testing utility using FitNesse, which automatically compares application results between Production and the system under test, enabling early bug detection and reducing defect rate by 25% during new development cycles.

Amdocs, Philippines

Software Engineering Specialist
September 2021 - March 2024

- Advanced to a key role within the Research and Development (R&D) unit, contributing significantly to the project's success.
- Introduced 3 critical features to the core product, using Java, in response to client requirements.
- Addressed core product issues by delivering hotfixes and demonstrated expertise in debugging remote applications using Eclipse.
- Implemented a standardized development workflow and crafted a tailored branching strategy, enhancing collaboration and code integration efficiency.
- Explored KSQL and Confluent, translating findings into a real-time data processing feature with Kafka and HTTP Sink Connector.
- Led a Proof of Concept for a microservices migration initiative, showcasing proficiency in React, JavaScript, HTML, and CSS for frontend development.

Software Engineer (Advanced)
April 2020 - August 2021

- Worked closely with Solution Architects to offer precise effort estimations, create detailed technical designs, and implement solutions for development, ensuring seamless execution.
- Developed an Ansible-based automated deployment tool, reducing deployment duration by 70%.
- Mentored junior team members, providing guidance in various development aspects, conducted code reviews, and promoted best practices.

- Provided extensive support across project phases, resulting in a 15% reduction in software defects.
- Played a key role in ensuring software quality and stability through active involvement in solutions, development, testing, and production.

Software Engineer
May 2017 - March 2020

- Customized the core product for a prominent Telco client in APAC, collaborating closely to develop tailored solutions aligned with their business requirements.
- Innovated and documented the initial deployment process in Confluence, leading the first deployment of the customized product on a Linux environment.
- Developed and integrated multiple custom Java plugins for inbound and outbound connections to various external systems.
- Implemented over 20 major features, establishing a significant contribution to the project.
- Managed project source code using Git and Bitbucket server, handling branch merging, creating product RPM artifacts, designing release notes, and managing lab environments.

Accenture, Philippines
Associate Software Engineer
February 2015 - April 2017

- Designed and developed a DevOps-based CI/CD system utilizing Bitbucket, Nexus, Bamboo, and Ansible.
- Created Bamboo build plans, resulting in a significant 30% reduction in code building time.
- Developed Ansible playbooks to automate application deployment triggered by Bamboo, enhancing deployment efficiency and reliability.
- Automated transactions on the Oracle HCM website using Selenium Web Driver and Jenkins, contributing to improved workflow efficiency.
- Demonstrated proficiency in Oracle SOA (Service-Oriented Architecture) and OSB (Oracle Service Bus) within the Fusion Middleware technologies, contributing to the successful implementation of integration solutions

Education

Technological University of the Philippines Visayas
Bachelor of Science in Electronics Engineering
April 2014

Trainings

- Oracle Fusion SOA Bootcamp - Accenture - *2015*
- ADF Testing Bootcamp - Accenture - *2016*
- DevOps Academy - Accenture - *2016*
- Java Programming Masterclass - Amdocs - *2018*

- Python Programming - Udemy - *2019*
- Docker - Udemy - *2019*
- Jenkins - Udemy - *2020*
- Kubernetes - LinkedIn Learning - *2023*