MARCO MENDOZA RAMOS

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SUMMARY

Detailed-oriented software engineer with 8+ years of backend development and production deployment, and 5+ years for frontend application development. Experience in problem-solving, cost efficiency initiatives and skilled at writing well-designed, testable, and efficient code with ability to deliver results in operations. Knowledgeable in docker orchestration and cloud environment. An innovative and conscientious team player who solves tough problems and delivery quality results.

EMPLOYMENT HISTORY

ZZ Connect Inc. [Ortigas Pasig City]   August 2023 - Present

Senior Data Engineer
Maintain and develop a suite of custom data pipelines, integrations, and APIs to support a variety of data products supporting both internal and customer-facing products. Responsible for architecture and system design to ensure high availability and throughput.

Key Accomplishments:
- Lead the implementation of an end to end solution that involves Natural Language Toolkit library in Python.
- Lead the expansion of multiple external API's integration using Python.
- Lead the code consolidation and cleanup of existing repositories.

DTN Philippines Inc., [BGC Taguig]   October 2020 - August 2023

Software Engineer
Build and maintain data driven applications using python in AWS. Comply and improve team best practices on our chosen programming languages and frameworks. Implement backend and frontend application from scratch up to production ready.

Key Accomplishments:
- Lead code and performance optimization of Python API application.
- Lead the implementation of API regression testing within the team.
- Create and deploy resources and Python applications using infrastructure as a code with AWS cloudformation and terraform.
- Establish successful deployment of API application in AWS EKS
- Lead design and implementation of a Node JS REST API backend and React JS frontend Application.

Nokia [Quezon City]   **August 2018 - June 2020**

Software Development Engineer
Conducts strategic plans for the whole development cycle. Coding with the best practices of chosen programming language. Sets up the environment where the program needs to be deployed. Maintains the program availability in the production environment and supports any improvement thereof.

Key Accomplishments:
- Created a program in python that reduced the average testing time by 92%.
- Implemented a program with 100,000 instances that replicated a physical radio device functionality for performance testing that resulted in cost savings.
- Automated the procedures of setting up and deployment of a program in the production environment which saved 80% of our time and effort.
- Established a file server program that speeds up the testing phase resulting in an earlier than expected release.
- Automated the deployment phase into the cloud by using the Ansible playbook which helped in speeding up the release of the projects.

Metro Oil Subic Inc. [Ortigas Pasig]   **June 2017 - August 2018**

Jr Programmar
Performed a revise plan that reorganizes an existing web application that helps the company to track and analyze day to day data. Implemented coding using the framework of ASP.NET with VB as the programming language. Ensured that the web application has the traits of a user-friendly environment for the user's benefits. Setup and deployed the program in the newly created server. Ensured that the program is only accessible to the chosen users by the time the program is running. Maintains the liveliness of the application and provides support for the additional feature requested.

Key Accomplishments:
- Introduced a new process flow on a web application that helped its usability.
- Reorganized an existing database which increased the performance of the application.

EDUCATION & AWARD

Bachelor of Science in Information and Technology   June 2017 - August 2018
IETI College of Science and Technology, Marikina Inc.

Recognition
Distinction as Second Honor of Bachelor of Science in Information and Technology

SKILLS

Python	AWS Services
Node JS	Gitlab
Typescript	Docker
React JS	Kubernetes
Next JS	Terraform
Postgresql	Agile
Bash Scripting	Confluence