MICHAEL CALABANO NAYNES

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Professional Summary

With almost seven years of experience in Software Engineering, I have successfully delivered quality code and led cross-functional teams. I have in-depth knowledge using Python, PostgreSQL, Bash, Git, Power Automate, and VIM. I am confident in integrating tools such as Redmine, Jira, and MS tools(Word, Excel, PowerPoint, OneNote, and Teams) into development workflows and process improvements.

I strongly advocate for creating an honest and safe environment that fosters learning and supports the team's needs. I firmly believe in the concept of leading by example, and I expect the same level of commitment from my leaders. I highly value applying my skills in a system that provides work-life balance to create sustainable and consistent project delivery. Currently, I am looking for roles that involve Python development or maintenance engineering contributing to fulfilling mutual success for the company and myself.

Work Experience

WeServ Systems International, Inc., Taguig City, Philippines
Sr. Application Systems Engineer and Consultant | Aug 2022 - May 2024

- Team lead of a team of maintenance engineers to support end-to-end client web applications from daily operations, development of feature improvements, and incident investigations. This included the teams' success in skill upskilling, feedback loop cycles, and career road-mapping.
- Led cross-functional teams to deliver operational excellence in incident management, problem management, risk analysis, and code creation of functionalities and features using **Agile SDLC.**
- Led the team in removing roadblocks, training and upskilling planning, and determining overall task/development prioritization utilizing apps like **Redmine, Excel, and ServiceNow**. This was accomplished by implementing a modified agile method to restructure productivity workflow, maintaining OneNote process documentation, and creating an environment that fosters open communication channels.
- Spearheaded stakeholder management of the company's overall Client Solutions Manager, company security team, procurement team for client devices, and hardware team for client devices to ensure security policy and protocols and mutual success across organizations.
- Categorized incident root cause analysis (RCA) by parsing client email alerts via **Power Automate** workflow to create a summary report that identifies risk versus impact so that the client can create data-driven decisions on application errors.
- Ensure client code development continuity and sustainability by creating functional and technical documentation that covers code design, coding standards, application system design, and entity relationship diagrams. This also ensured my teams' procedural onboarding was consistent and reliable.
- Technical lead on code reviews for pull requests in **GitLab using Java, PostgreSQL, and ReactJS.** This included reviews of code documentation and verification of accomplished tasks in operational workflow.
- Maintained client system technologies such as **Java, Spring Framework, Spring Boot, PostgreSQL, ReactJS, AWS Services, PuTTy, TeraTerm, Jenkins, Bash,** and software to configure clients' hardware devices.
- Led the team execution of sandbox SIT to create procedural instructions on the production Java Spring framework version update of the client application.

FactSet Philippines, Inc., Taguig City, Philippines
Individual contributor to the maintenance execution and enhancement of financial data management including risk models integration and day-to-day operations.

Software Engineer 3 | Sep 2021 - May 2022
- Managed the creation, maintenance, and risk assessment of data pipelines for client vendor master data in **Amazon AWS using Python, SQL,** and an internal archive API. This improved client user experience by solving a recurring data download process. This included providing data filters, removing multiple-step data transformation, and removing possible human errors in data analysis by creating Python automation from AWS S3 bucket via S3 client.
- Responsible for task management in **Jira,** from ticket creation and defining acceptance criteria to ensure successful achievement of the definition of done within my team scope.
- Translated client business requirements into procedural and technical requirements for optimization, ensuring that the systems' data pipelines are delivered on time, creating 100% uptime, and removing data ACID issues for the client.

Software Engineer 2 | Jul 2018 - Sep 2021
- Developed and launched operational automation from requirements gathering, documentation, code development (**Perl, PowerShell, JAMS, and bash),** testing, and user integration.
- Researched potential feature improvements from idea validation into code execution. All improvements were tested to ensure a non-negative impact by having no change in overall system functionalities.
- Created script enhancements in **Perl** for the risk data loader tool to upgrade the batch copy process (BCP) tool to a new version.
- Volunteered as a trainer and mentor to new software engineers. Updated training materials to keep up with the changing technology and workflows in the company.
- Interviewed and evaluated software engineer applicants on their technical skills and provided feedback to them and for the hiring managers.

Software Engineer 1 | Jul 2017 - Jul 2018
- Integrated financial risk models into the FactSet application and validated data quality to ensure data availability uptime and timely issue resolution. Ensured all data pipelines and recurring data pull and push had 100% uptime without issues.
- Data wrangling of third-party historical vendor data. Validating missing table entries, missing data, or corrupted source files using **Perl or Bash**. This included timely organization and categorization of data entries to be used per financial risk model or archives.
- Executed all phases of testing and staging from unit testing and data testing up to production.
- Loaded full history using the team's automated loader that parses data with an internal parser to output **SQL** readable files, write output files to SQL tables, and export data from SQL tables to internal database containers.

Education

Bachelor of Science in Computer Science
University of the Philippines Los Baños, 2012 - 2017

Certifications

Spring: Framework in Depth
LinkedIn Learning, Mar 2024

ACS Associate
Australian Computer Society Inc. (ACT), May 2023

Micro-Certification - ServiceNow
ServiceNow, May 2023

AWS Certified Cloud Practitioner
Amazon Web Services Training and Certification, Jul 2022

AWS Academy Graduate - AWS Academy Cloud Foundations
Amazon Web Services Training and Certification, Jun 2022

Python Parallel and Concurrent Programming Part 1
LinkedIn Learning, Sep 2021

Building Tools with Python
LinkedIn Learning, Jul 2021

Learning Python
LinkedIn Learning, Jul 2021

Additional Info

3rd Python Programming Capstone Competition - Panelist
Luis Palad Integrated High School, May 2024
Chosen and volunteered to contribute as a panelist at my former high school. Critically evaluated 14 programming proposals and 12 programming projects of Grade 8 and Grade 9 students, respectively, in their final capstone defense.

1st Python Programming Capstone Competition - Panelist
Luis Palad Integrated High School, May 2023
Chosen and volunteered to contribute as a panelist at my former high school. Critically evaluated 10 programming projects of Grade 9 students in their final capstone defense.

Properties Committee Head
UPLB Street Jazz Dance Company, Jun 2014 - Jun 2016
Led and contributed to the logistics and maintained and tracked all the properties that the organization owned while still performing and competing for the organization.