MJ Ulysses Sabit

Experienced software engineer with a focus on building performant and user-centric products

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Relevant Experience

Software Engineer · Hutility   Oct 2023 — Aug 2025   Mississauga, Canada

- Core Developer/Maintainer of Instaff
- Integrated an in-house e-signing microservice into Instaff's legacy monolith using RESTful APIs, improving operational efficiency and document processing time
- Engineered and deployed HIVA Admin, a candidate database platform, delivering full-cycle development from requirements gathering to production
- Co-developed a Python CLI tool to automate transpilation of Android and iOS portable mobile applications from an existing web application
- Co-developed a Python CLI tool to automate migration from Bootstrap 3 SmartAdmin to TailwindCSS KTUI, accelerating UI modernization efforts
- Developed a Bash CLI tool to extract Linguist metrics from self-hosted repositories and post results to an internal ticketing system
- Implemented ticket complexity levels to enable smaller pull requests, faster release cycles, and reduced merge conflicts, enhancing code quality and team efficiency
- Evaluated various monitoring tools like EFK and Grafana stack to enhance data visualization and system performance
- Integrated time-off calendar with Outlook and Google Calendar for seamless scheduling via iCal export and MS Graph API

Stack: Flask, MySQL, Azure Form Recognizer, AWS S3, Python, JQuery, JavaScript, Bootstrap, Jinja, Cordova, Mixpanel, Sentry, Selenium, Nginx, Linode, Docker, Bash

Product Engineer Intern · ErudiFi   Mar — Jun 2023   Singapore, Singapore

- Contributed to Core Product Team and collaborated with cross-functional teams
- Optimized data processing through Flask and Google BigQuery, streamlining loan tape submission workflows and enhancing data-driven decision-making
- Implemented a comprehensive notification system using Django, Celery, and cron, improving user engagement through email, SMS, and in-app notifications
- Developed a secure system for converting financial reports to PDF, ensuring professional formatting and data security

Stack: Django, Django REST, Django FSM, Django Polymorphism, Celery, Flask, Python, Google BigQuery, Metabase, PostgreSQL, Redis, Airflow, Kubernetes, Docker, Bash

Software Engineer Intern · Dice205   Dec 2022 — Feb 2023   Manila, Philippines

- Led the refactoring of an existing codebase, implementing best practices for scalability and maintainability
- Enhanced internal portal functionality, resulting in improved efficiency and an enhanced user experience
- Developed, maintained, and deployed production code for client websites, serving clients such as Jollibee Group Foundation

Stack: Laravel, PHP, Wordpress, MySQL, JavaScript, JQuery, Bootstrap, SCSS, CSS, HTML

Skills

Programming Languages

Go, Python, Bash, SQL, TypeScript, JavaScript, PHP, C++, C, Java

Libraries & Frameworks

Django, DRF, Flask, Express, Laravel, Hugo, HTMX, Alpinejs, React, Redux, JQuery, DaisyUI, TailwindCSS, Bootstrap, SCSS, Typer

Tools & Platforms

Git, GitHub, Gogs, Postman, GitHub Actions, Docker, Gulp, Grunt, Vercel, Cloudflare, Excalidraw, Obsidian, Openai, Claude Code

Curated Talks

Speaker, **PyCon APAC** 2025
Speaker, **LNU** 2024

Selected Projects

Python Package

CLI dev tool to simplify maintaining GitHub labels from a yaml/json config

Education

University of the Philippines 2021
Hong Kong University of Sci and Tech
Harvard CS50

Interests

Hiking, Trekking, Developer Experience, DevOps/Infra, Knowldege Sharing, Arts, Chess, Dota, StarCraft