

# 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 — Present Mississauga, Canada

- Core Developer/Maintainer of Instaff
- 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
- Developed a CLI tool in bash that scrapes linguist data from self-hosted repositories and post the data to self-hosted ticket manager
- Integrated time-off calendar with Outlook and Google Calendar for seamless scheduling via iCal export and MS Graph API
- Developed a CLI tool in python automating transpilation of android/ios portable mobile applications from an existing web application

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

## 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

## Selected Projects

### Medical Record System

Patient management system to aid healthcare professionals at DepEd Region VIII

### Python Package

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

## Education

### Self-taught

Learned from esteemed online resources including Harvard CS50 and Hong Kong University of Science and Technology

## Interests

Content Creation/Streaming, Developer Experience, DevOps/Infra, Game Dev, Arts, Cafe Hopping, Motorcycling, Chess, Dota, StarCraft

 **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