



ZEUS JAMES BALTAZAR

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Technological Institute of the Philippines
BS in Computer Engineering
May 2018 - Sept 2023

SKILLS

Core Development Stack

C++ · Python · JavaScript · SQL · Flask · Django · REST API · OOP

Engineering & Deployment Tools

Git · Docker · Linux · AWS · GitHub · SSH

Additional Languages & Technologies

Bash · HTML · CSS · Azure

TRAININGS

CPA: Programming Essentials in C++,
May. 2023 | Cisco

Python Essentials 1,
Mar. 2024 | Cisco

DevNet Associate,
Aug. 2022 | Cisco

PROFILE

Experienced software engineer with over 1.5+ years in software development, specializing in automation and full-stack development. Proficient in Python, C++, JavaScript, SQL, and Git, with strong background in building scalable and high-performance solutions. Passionate about clean code, agile development, and continuously learning new technologies to solve complex problems efficiently.

WORK EXPERIENCE

- Software Engineer** Aug 2024 - Present
Amdocs Philippine Inc. | Taguig | Hybrid
 - Designed and implemented Python-based automation tools for production systems, integrating databases, and Linux environments to streamline development and operational workflows.
 - Automated repetitive operational tasks, reducing manual effort by ~90%, minimizing errors, and improving overall team productivity.
- Web Development Intern** Sep 2022 - Oct 2022
Simplevia Technologies Inc. | Pasig | Remote
 - Collaborated in an agile team to develop a web portal using Angular.
 - Actively handled merge conflicts and coordinated code integration across team branches using Git and GitHub.

NOTABLE PROJECTS

Automated Daily Report Generator (AutoSOD)

Python · Flask · HTML · CSS · Jinja2 · OOP · SQL · REST API · Paramiko

- Developed a Python-based internal tool to automate daily reporting, consolidating data from Oracle databases, internal APIs, server logs, and active processes. Reduced manual reporting time from 15-20 minutes to seconds, eliminating errors and saving 99% of manual effort. Implemented secure data access, Excel/CSV report generation.

Real-Time Billing Flow Monitoring Web Application

Python · Django · Docker · HTML · CSS · JavaScript · Flask · SQL

- Developed a Python-based web application to monitor ongoing billing flows in real time, providing visual status indicators for each process. Replaced manual monitoring with an intuitive GUI, enabling the team to quickly detect and address issues, improving workflow efficiency.

Adaptive Time-Window Bisection for High-Volume Elasticsearch Queries

Python · REST API · Adaptive Sliding Window Pattern · Binary Search Algorithm

- Developed a Python-based automation tool to efficiently retrieve large datasets from Elasticsearch while respecting the 10,000-record query limit. Implemented a binary-search-style approach with sliding time windows, eliminating manual adjustments and ensuring complete data, boosting efficiency by 98%.