

Christian Allen A. Belonio

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PROFESSIONAL SUMMARY

An aspiring Cybersecurity Professional and Software Developer with hands-on experience in cloud security, automation, and full-stack development. Have experience in building AI-based security applications, designing scalable system architectures in the cloud, and integrating automated workflows using Azure, Python, and C#. Adept at simplifying technical concepts into simple practical solutions that secures systems and the effective functioning of the operations.

TECHNICAL SKILLS

Languages: Python, C#, HTML/CSS, PHP, Javascript, SQL, Java

Frameworks: Langchain, Langgraph, Chainlit, Asp.net/Core, Bootstrap, JWT, JQuery, React

Tools and Platforms: Gitlab/hub, MS Azure, VS, VS Code, SQL Server Management, Kali, Jira, Postman, ELK Stack (Elasticsearch, Logstash, Kibana), Ollama

Database: MS SQL Server, MySQL, PostgreSQL, Qdrant (Vector DB)

PROJECTS

AI-Powered Cybersecurity Analyst Assistant / *Python, LangChain, LangGraph, Ollama, Qdrant, PostgreSQL, Elastic and Kibana*

- Designed an **AI assistant for cybersecurity** log analysis using **RAG** techniques with **LangChain** and **LangGraph**-based workflows.
- Integrated **Llama 3.1** for advanced contextual understanding and real-time responses.
- Enabled real-time log analysis via **Elastic Stack** and semantic memory with **Qdrant**.
- Managed backend using **PostgreSQL** and **Prisma Studio** for user and thread data handling.
- Delivered intuitive real-time interactions using **Chainlit**; expanded external knowledge with **Tavily AI Search**.
- Ensuring security, scalability, and maintainability as part of ongoing development before deployment

Python Asset Data Automation / *Google Colab, Python, NLPs*

- **Automated asset inventory** normalization across 10+ platforms (e.g., Intune, SCCM, JAMF).
- Achieved **>85% accuracy** in column matching using NLP models (**TF-IDF, Sentence-BERT**).
- Created cross-file semantic merging and data normalization to unify device metadata across disparate CSVs.
- Generated detailed merge reports (JSON) and combined asset inventories (CSV) for downstream platforms.
- Utilized pandas, scikit-learn, HuggingFace Transformers, and Colab to automate the data cleaning, merging, and reporting workflows.

Microsoft Sentinel – Jira ITSM Integration / *Azure Sentinel, Logic Apps, Function Apps, c#, Jira*

- Centralized SOC ticket handling by integrating **Azure Sentinel** with **Jira ITSM**.
- Built **Logic Apps workflows** for automated incident handling and ticket transitions.
- Enabled bidirectional integration with **Function Apps** and **Jira Webhooks**.
- Improved client collaboration via **shared visibility** in customized Jira Service projects.

Python Web Scraping Tool / *Python, Colab, App Script*

- **Scraped cybersecurity articles**, extracting threat intel using **Selenium** and NLP.
- Summarized long texts using **Pegasus** and assessed severity via sentiment analysis.
- Developed a pipeline using Natural Language Processing (NLP) tools to analyze and summarize cybersecurity news articles
- Exported structured summaries (JSON) for auto-report generation via **App Script**.

Quality Management System / *Asp.net, c#, Python, MS SQL Server, Azure, Git*

- Built and deployed a modular enterprise-grade system for the Polytechnic University of the Philippines, covering **document management, risk assessment, internal audit, and access control**.
- **Led backend and full-stack development** for the document portal, adhering to **ISO 9001 & ISO 9126** standards for quality and compliance.
- Contributed to a **machine learning-enhanced risk system**, managing data integration, system communication, and resolving critical bugs.
- Developed a **secure IAM system** with **JWT** and **RBAC**, integrated across all portals.
- Deployed the entire suite on **Microsoft Azure**, ensuring scalability, reliability, and performance.

Android Mobile Educational Game | c#, Unity Engine, Blender 3d, Visual Studio

- Led the development of a **3D educational horror game** for **Systems Technology Institute (STI)**, blending education and entertainment
- **Responsible for end-to-end development**, using **Unity** for environment/animation, **Blender 3D** for assets, **Photoshop** for design, and **C#** for game functionality
- **Led a team of 10** as the **lead developer**, ensuring smooth collaboration and timely delivery
- Game became a **contender for best game developed**, praised for its innovative approach to educational objectives.

Related EXPERIENCE

Junior Cyber Solutions Architect

July 2024 – Present

CyberQ Group PH

Manila, PH

- Lead **technical solution design** for new cybersecurity initiatives and development projects.
- Architect and deploy **Azure-based solutions**, including **Sentinel**, **Logic Apps**, and **Function Apps** for automated, event-driven workflows.
- Create and maintain **scripts and automation tools** supporting Security Operations Center (SOC) workflows.
- Build and manage **API integrations** across platforms to ensure seamless data flow and automation.
- Administer **Jira Service Management**, configuring workflows, custom fields, automation rules, and webhooks to optimize ITSM operations.
- Provide cross-functional **technical support** in identifying and resolving security incidents and optimizing cybersecurity tool performance.
- Lead **documentation efforts** for tools, scripts, and systems to promote team knowledge-sharing.

Cybersecurity Intern

March 2024– June 2024

CyberQ Group PH

Manila, PH

- Designed and implemented **Azure Logic Apps + Function Apps** workflows for API integration and anomaly detection in **Microsoft Sentinel**.
- Developed efficient **custom APIs (C#)** for high-volume query processing.
- Developed an automation script for an API for **automating the upload process** for backup files using **python**
- Built a **browser extension** to auto-notify via email upon tab data detection.
- Authored Python scripts for **automated XML structure validation** in Google Colab.
- Deployed and tested **EDR solutions** on Windows and mobile devices via attack simulation.

IT Freelancer

- Built a **PHP-based real-time poll monitoring system** with WordPress integration, automating the assignment of thousands of precinct encoders.
- Developed a **web-based scheduling system** using PHP, Bootstrap, CSS, and MySQL for process digitization.
- Created a cloud-hosted **Online Enrollment System (OES)** to streamline student registration and admin tasks.
- Developed an **e-Learning Management System (eLMS)** for course delivery and progress tracking.

Undergraduate System Developer

Oct 2022 – July 2024

Polytechnic University of the Philippines

Manila, PH

- Student assistant and **full-stack developer** for the PUP IQMS Portal under the Institutional Quality Management System Office.
- Led a 12-member development team as the **main developer and network/security admin**, utilizing Microsoft tools.
- Presented the portal to the Director's meeting under the Office of the Vice President for Research, Extension, Planning, And Development (OVPRED)

Student Intern

Nov 2019 – Dec 2019

Automatic Centre Sheridan

Mandaluyong, PH

- Worked as an encoder within the auditing office of the appliance company
- Actively contributed to the auditing processes, gaining valuable actual experience in a real-world environment

EDUCATION

Polytechnic University of the Philippines

Manila, PH

Bachelor of Science in Information Technology

2020 – 2024

- **President's Lister** (6x Semesters), **Academic Achiever**

STI College Ortigas-Cainta

IT in Mobile App and Web Development

Rizal, PH

2018-2020

- With Highest Honors | Mobile Dev Expo

Additional

Civil Service Professional Eligibility – 2023