



JOHNAS J. BAUTISTAS JR.

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SUMMARY

Detail-oriented Information Technology undergraduate with experience in building secure web applications using Java (Spring Boot) and Laravel PHP. Currently developing a team-based Laravel capstone project focused on streamlining academic document request systems. ISC2 Certified in Cybersecurity with hands-on experience using Kali Linux for network scanning and vulnerability assessment. Knowledgeable in POSIX-style shell programming and foundational cloud architecture concepts.

PROJECTS

Online Document Request and Management System

2024 - 2026

Upper Bicutan National High School - Public School

- Developed a Laravel web application that digitized and automated document requests, allowing students to track their requests online, improving process visibility by 100% compared to the previous manual system.
- Reduced manual effort for the registrar by 80%, replacing paper logs and Excel sheets with automated tracking and reporting features.
- Enabled real-time report generation for requested documents, improving efficiency and decision-making for administrative staff.

Information Assurance Project: A Simple SIEM Environment

June 2024

Polytechnic University of the Philippines

- Built a simple security monitoring environment to analyze and respond to potential threats.
- Applied penetration testing techniques and open-source tools to evaluate system security.
- Gained remote access to a target virtual machine through SSH using OpenSSH.
- Utilized tools such as Virtual Box, Hydra, SQLMap, ARP Scan, Nmap, Burp Suite, and Wazuh for security analysis and testing.

Build Your Own Shell | POSIX-compliant shell

January 2026

CodeCrafters

- Implemented a POSIX-style shell capable of executing core Bash commands.
- Developed command parsing, process management, and basic input/output handling.
- Gained hands-on experience with Unix system calls and shell scripting fundamentals.

EDUCATION

Polytechnic University of the Philippines

2022 - 2026

Bachelor of Science in Information Technology

- **Key Coursework:** Database Administrator and Information Assurance, Web Application Development, App development, Capstone, Computer Programming, Integrative Programming

ISC2

2025 - 2026

- Certified in Cybersecurity (CC) – ISC2
- Certification ID: 3263729

AWS

January 2026

- Cloud Practitioner Essentials

TECHNICAL SKILLS

- **Programming Languages:** PHP, JavaScript, Java, Python, C++, C#, COBOL
- **Frameworks and Libraries:** Laravel, Spring Boot, React, Flask, Bootstrap
- **Web and Databases:** HTML5, CSS3, MySQL, REST APIs, AJAX, Progressive Web Apps
- **Tools:** Git, Postman, XAMPP
- **Cybersecurity Tools:** Nmap, SQLMap, Hydra, Burp Suite, Wazuh, ARP Scan, VirtualBox