SAMUEL JUNIO SAMBUAGA

+6289671447385 ● samuelnichole195@gmail.com ● www.linkedin.com/in/samuel-j-sambuaga

SUMMARY

Third-year Informatics undergraduate student concentrating in Cybersecurity. Web development–focused Informatics undergraduate with hands-on experience in building secure, efficient, and user-friendly web applications. Skilled in applying cybersecurity principles to web systems, ensuring data protection and resilience against threats. Proficient in modern web technologies alongside tools such as Wireshark, MISP, Burp Suite, and Splunk.

EDUCATION

President University **August 2023 – Present**
Informatics

- 75% Jababeka Scholarships Awardee
- Relevant Coursework : Network Security, Ethical Hacking, Digital Forensic, Security Management, Security Compliance and Audit, Web Developer, Database System.

Korean Asean Digital Academy **June 2025 – August 2025**
Bootcamp - Full Stack Developer

- Learn Front end, Back end, DevOps, AI & ML
- Relevant Coursework : React, Express, Postman, No SQL(MongoDB), Python, AWS EC2

WORK EXPERIENCE

Infrastructure Engineer (IT-INFRA) **Nov 2025 – May 2026**
Hardware inventory tracking and database structuring **(Intern) North Cikarang**

- Managed the IT-INFRA asset management platform to effectively track hardware inventory and maintain comprehensive audit logs.
- Implemented the "MANE Assistant" to streamline batch management and system monitoring.
- Designed and configured SQL Server table structures to ensure efficient data routing and reliable asset tracking./
- Creating new tools website base for Inventory that run through local accessibility collaboration with “MANE-Asisstant

Backend and Security Intern **AUG 2025 – Jan 2026**
Security Research and Devops **(intern) Remote**

- Completed an intensive internship program focusing on backend engineering, cloud deployment, and cybersecurity research.
- Engineered secure backend infrastructures and optimized server-side APIs to ensure reliable and efficient data processing.
- Conducted system security assessments and utilized OSINT methodologies to identify and mitigate potential vulnerabilities within the network.

IT Support **Jan 2024 – Feb 2025**
Handle issue such as Network Problem, Windows problem regarding Informatics **(part-time) North Cikarang**

- Handled and resolved over 50+ technical issues related to Windows errors, networking, and software malfunctions.
- Provided day-to-day IT support for faculty and students across multiple departments.
- Diagnosed and fixed network connectivity issues, improving system stability.

ORGANIZATION EXPERIENCE

PUDC (President University Developer Club) **Nov 2024 - Present**
Head of Curriculum

- Led the development of learning paths in Cybersecurity, AI, and Web Development.
- Coordinated with mentors to deliver structured and effective learning programs.
- Managed Discord channels and supported interactive user engagement.
- Assisted members in resolving issues related to coding and self-learning.

Interviewer – International Accreditation (IABEE) — Dec 2023 & Dec 2024

President University

- Participated as an interviewer in IABEE accreditation evaluations.
- Assessed academic programs based on international engineering standards.
- Applied strong analytical skills and attention to detail.
- Represented student perspective across two accreditation cycles.

COURSE

Korean Asean Digital Academy | Bootcamp — Issued 2025

UNIVERSITY PROJECT

Backend and Infrastructure Engineering (Docloq) — Jan 2026- August 2026

Cloud Infrastructure, SQL Server Express, OSINT Frameworks, Network Analysis

https://github.com/Rafeejooo/Docloq-Document-Management-System

- Contributed to Docloq, a hybrid cloud document management platform, with a primary focus on infrastructure engineering and proactive system security.
- Conducted Open-Source Intelligence (OSINT) gathering and external threat surface analysis to identify potential vulnerabilities within the system's public-facing infrastructure.
- Assisted backend team in debugging, troubleshooting, and optimizing APIs, acting as a problem solver for complex issues.

Fullstack IoT and Web base Application (Sense Harvest) — July 2025 - August 2025

Tools: Tsx, Express, MongoDB, Note Red. | Collaboration

https://github.com/AwarewarAlmighty/SenseHarvest

- Contributed to Sense Harvest, a full-stack agricultural inventory management platform, with a primary focus on frontend development.
- Developed responsive and interactive UI components using React and Tailwind CSS for seamless user experience.
- Assisted backend team in debugging, troubleshooting, and optimizing APIs, acting as a problem solver for complex issues.
- Collaborated in integrating data visualization and inventory tracking features to improve system usability for farmers.

Fullstack Cinema Booking System — July 2025

Tools: Tsx, Express, Google Oauth | Framework: React, Vite

https://github.com/Muel17/KADA

- Developing a full-stack cinema booking system using TypeScript (TSX), Express.js, and React with Vite for rapid development.
- Implementing Google OAuth authentication for secure and convenient user login.
- Building features for movie scheduling, seat selection, and ticket booking with a responsive and intuitive UI.
- Designing RESTful APIs in Express.js to handle booking logic, user data, and real-time updates efficiently.

SKILLS

- Personal Skills: Leadership, Teamwork, Problem-Solving, Public Speaking, Project Management, Attention to Detail
- Programming: Web (HTML, CSS, JavaScript, Node.js, React, Next.js, Php), Mobile (Java, Android Studio), C++, Python, SQL, NoSQL
- Web & Security Tools: VS Code, Git/GitHub, Postman, Burp Suite, Nmap, Aircrack-ng, SQLMap, Splunk, Wireshark, Maltego, Autopsy, Ghidra
- Frameworks & Standards: OWASP Top 10, NIST, OCTAVE Allegro, Express.js, Tailwind CSS
- Operating Systems: Linux (Kali GNOME, Ubuntu), Windows
- Languages: Indonesian (Native proficiency), English (Professional working proficiency), Japanese (Beginner)