

Brian Filbert Chandra

+62-878-8492-8382 | brianfilbertchandra@gmail.com | linkedin.com/in/brian-filbert-chandra | github.com/Cipaimian

SUMMARY

An active fourth semester Computer Science student at Bina Nusantara University, specializing in Cybersecurity. Strongly interested in security implementation, web development, and the advancement of artificial intelligence. Able to work within and manage a team, and always open to new experiences.

EDUCATION

Bina Nusantara University GPA: 3.97/4.00 <i>Bachelor of Computer Science, Specialization in Cybersecurity</i>	West Jakarta, Indonesia Sept. 2024 – Feb. 2028
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EXPERIENCE

General Treasurer <i>HIMTI BINUS University</i>	Feb. 2026 – Present Jakarta, Indonesia
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- Manage hundreds of millions of rupiah in organizational funds across 8 regional campuses (Kemanggisan, Alam Sutera, Bekasi, Senayan, Bandung, Semarang, Malang, and Medan).
- Oversee the budgeting of 70+ internal and external HIMTI events, allocating and tracking funds for each program.
- Designed, ran, and continuously monitored HIMTI's financial system, enforcing budget discipline so that events consistently closed with a surplus.

PETIR Apprentice <i>PETIR, Bina Nusantara University</i>	May 2026 West Jakarta, Indonesia
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- Achieved top 5 ranking in PETIR Regeneration based on challenge competition.
- Actively participated in several cybersecurity competitions as part of the organization.
- Reaching Finalist PLAYIT CTF 2026.

Freshmen Leader & Freshmen Partner <i>Bina Nusantara University</i>	Jul. 2025 – Jun. 2026 Jakarta, Indonesia
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- Led and mentored 12 new students, helping them adapt to campus life and activities.
- Introduced campus regulations, Binusian Values, and Binus Graduate Attributes (BGA) to freshmen.
- Guided freshmen through a social community project (tree planting) and fostered teamwork throughout the program.

Coordinator of Technical Equipment & Security Division <i>HIMTI BINUS University</i>	Mar. 2025 – Sep. 2025 Jakarta, Indonesia
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- Led a 50+ member division and collaborated with functional teams across 7 regions to deliver HIMTI events.
- Directed 40+ members to handle technical equipment and on-site security for TECHNO 2025.
- Ensured events were hosted at suitable venues equipped to accommodate 500+ participants.
- Designed and set up HIMTI's EXPO booth to gain exposure to thousands of new students.

PROJECTS

Xposelink | *React, Node.js, Express, MySQL, JWT, Chrome Extension (Manifest V3)*

- Built a full-stack web app and Chrome extension that shortens URLs, exposes the full redirect chain behind any short link, and scans for phishing, malware, gambling, and adult content before the user clicks.
- Engineered the core security pipeline: a three-layer detection system combining VirusTotal (90+ security vendors), Google Safe Browsing, and a custom heuristic engine for domain and keyword analysis.
- Hardened the backend with JWT authentication, HTTPOnly cookies, parameterized queries, and rate-limited endpoints.
- Built the Chrome extension (Manifest V3) that intercepts link clicks in real time and returns an instant safety verdict directly in the browser.

Clothie AI | *Python, PyTorch, YOLO11, Meta Sapiens, FashionSigLIP, FastAPI*

- Built an AI system that checks whether a person's outfit follows the campus dress code from a photo or live webcam and explains the reason behind every compliance decision.
- Combined several models into one pipeline: detecting the person, reading their body pose, measuring exposed skin pixel by pixel, and identifying clothing items and their details
- Created the web app and backend so users can upload a photo or use their webcam to instantly see the result, rules that were triggered, and the official policy from the rules configuration.

Folliscope | *Python, Biopython, JavaScript*

- As co-author and developer, built a computational biology system for Androgenetic Alopecia (AGA) risk assessment, integrating CAG repeat polymorphism analysis of the Androgen Receptor gene and a five-part clinical questionnaire (Norwood/Ludwig scales, family history, and lifestyle).
- Developed the backend pipeline and the Hybrid scoring formula that fuses genetic and clinical data into a risk estimation.
- Built a phenotype to genotype inference module that estimates probable CAG repeat ranges for users without DNA data.

LICENSES & CERTIFICATIONS

Google Cybersecurity Professional Certificate <i>Google (via Coursera)</i>	Jun. 2024
Azure AI Fundamentals (AI-900) Training <i>Microsoft Elevate × GreatNusa (Bina Nusantara)</i>	Nov. 2025
Dean's List <i>Bina Nusantara University</i>	Mar. 2026

TECHNICAL SKILLS

Programming Languages: C, Python, Java, JavaScript, SQL, HTML, CSS
Frameworks: Flask, Express, React
Security Tools: Nmap, Burp Suite, Metasploit, SIEM, Kali Linux, Wireshark
Developer Tools: Git, GitHub, Visual Studio Code, Dev C++, Docker
Networking Tools: Cisco Packet Tracer
Software & Design Tools: Figma, Canva
Concepts: Object-Oriented Programming, Data Structures & Algorithms, Network Security, Software Development Life Cycle, RESTful APIs, Web Application Security
Soft Skills: Leadership, Problem Solving, Collaboration, Event Management & Coordination, Project Management, Financial Management, Public Speaking, Teamwork, Communication

LANGUAGES

- Indonesian: Native
- English: Intermediate
- Chinese: Beginner
- German: Beginner