DWI ARNANTA SAPUTRA

✉ darnantas@gmail.com | ☎ +6285278860953
⌂ github.com/nthawk88 | in linkedin.com/in/dwi-arnanta-saputra-5295852b7 |
🌐 nthawk88.github.io/Dwi-Arnanta-Saputra-Portfolio/

SKILLS

Cyber Security Concepts & Tools: Web & Mobile Penetration Testing, API Security Testing, Digital Forensics, OWASP Top 10, Network Security, IDOR, Authentication Flaws, Burp Suite, Frida, Nmap, Sqlmap, JADX GUI, Kali Linux, John The Ripper (JtR), Docker, Windows Server

Languages: Python, JavaScript, SQL, PHP, Bash, C++, HTML/CSS

Frameworks & Technologies: Flask, TensorFlow, ReactJS, Node.js, Git, GitHub, WebSockets, SQLite, PostgreSQL

PROJECTS

Mobile Penetration Testing Reports (2025)
- Conducted comprehensive security audits on target mobile applications, adhering to OWASP Mobile Top 10 principles.
- Performed static and dynamic analysis to identify critical vulnerabilities in data storage, authentication, and API communication.
- Compiled reports and provided actionable remediation strategies and proof-of-concept (PoC) steps.
- *Technologies: Frida, Burp Suite, JADX GUI, Android Emulator*

Koneko CTF Registration Website (2025)
- Designed and deployed a secure, full-featured Capture The Flag (CTF) registration platform.
- Implemented a secure backend using *PDO prepared statements* to mitigate SQL Injection risks and `password_hash()` for user authentication.
- Deployed the application using Docker for scalability and efficiency.
- *Technologies: PHP, PostgreSQL, Docker, JavaScript, HTML/CSS*

Larana Escrow Website (2025)
- Developed a full-stack web application to facilitate secure, chat-based transactions between a buyer and a seller.
- Implemented protected, UUID-based chat rooms with real-time communication using WebSockets.
- Applied fundamental security practices including input validation and SQL injection prevention.
- *Technologies: Python, Flask, SQLite, WebSockets, JavaScript, HTML/CSS*

Coral Health AI (2025)
- Implemented and deployed a full-stack Machine Learning (CNN) application to classify coral reef health from visual data.
- Built a production-ready and secure backend, focusing on robust security validation (MIME type checking and file handling).
- *Technologies: Python, Flask, TensorFlow (CNN), JavaScript, HTML/CSS*

Personal Website Portfolio (2025)
- Developed and maintain a full-stack personal portfolio showcasing diverse technical expertise, deployed via GitHub Pages.
- Features projects ranging from Cyber Security (Penetration Testing) to AI implementations and full-stack solutions.
- *Technologies: HTML, CSS, JavaScript, GitHub Pages*

Simple ToDo List Website (2025)
- Created a foundational web application demonstrating proficiency in essential front-end development and CRUD operations.
- Highlights core web application logic, DOM manipulation, and event handling, crucial for understanding web architecture and security.
- *Technologies: HTML, CSS, JavaScript*

Capture The Flag Writeups (2025)
- Comprehensive documentation of approach to solving real-world security scenarios in CTF competitions.
- Highlights successful vulnerability identification and exploitation across multiple domains, backed by structured technical reporting.
- Demonstrates practical, high-pressure problem-solving and technical application.
- *(Available on Portfolio/Google Drive link)*

LEADERSHIP & ORGANIZATIONAL EXPERIENCES

Volley BINUS, Jakarta Feb 2025 – Present
Activist for Training Division

- Developed and managed efficient weekly training schedules, ensuring optimal resource and time allocation.
- Managed and analyzed member attendance and performance data for accurate reporting and participant evaluation.
- Directed training flow and coordinated with the coach to align session materials with members' developmental needs.

SWANARAPALA (Mahasiswa Pecinta Alam Bina Nusantara), Jakarta Nov 2024 – Present
Activist for Nature Division

- Designed a physical training curriculum and field preparation sessions to ensure new members' physical readiness.
- Coordinated logistics and movement for 15+ members during training, prioritizing safety protocols.
- Assisted in the inventory and management of climbing gear and field equipment.
- Led the fund-raising division for EXPO 2025, designing merchandise, negotiating prices with 5+ vendors, and managing all order logistics to achieve profit targets.

First Year Program (FYP) B28 BINUS University, Jakarta Jun 2024 – Jun 2025
Freshman Partner

- Mentored and guided a group of new students throughout their first academic year to ensure a smooth transition and adaptation to the university environment.
- Facilitated weekly sessions to introduce the campus environment, deliver individual development content, and host constructive sharing sessions.
- Served as the primary resource for new students, providing guidance and answering specific questions regarding the curriculum and academic challenges.

VOLUNTEER EXPERIENCES

Teach for Indonesia (TFI) BINUS, Jakarta Feb 2025
Volunteer, Fun Learning Kindergarten

- Provided one-on-one assistance to students and supported the main teacher in managing classroom activities.
- Designed and facilitated engaging games and reward sessions to boost student morale and participation.

BINUS RECTOR CUP 2023, Jakarta Sep 2023 – Jan 2024
Volunteer, Competition Division

- Prepared venue equipment and coordinated with relevant teams for logistical and technical needs during basketball matches.
- Managed live scoreboard operation and served as commentator during matches.
- Provided clear instructions to players regarding schedules, rules, and logistics.

EDUCATION

Bina Nusantara University, Jakarta, Indonesia Aug 2023 – Dec 2027 (Expected)
Bachelor of Computer Science – Cyber Security *GPA: 3.42/4.00*

AWARDS & CERTIFICATES

- **Intro to Software Engineering** – RevoU Coding Camp (Jul 2025)
- **English for Market Research & Business Communication (CEFR C)** – Beelingua, Binus University (Oct 2024)
- **English for Advanced English (C-Level)** – Beelingua, Binus University (Jan 2024)
- **English for Professional Office (C-Level)** – Beelingua, Binus University (Nov 2023)
- **English for Creative Writing (C-Level)** – Beelingua, Binus University (Sep 2023)