

Nicolas Julian Kurnia Purwantoro

20 tahun - Single - Kristen Protestan

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github.com/nicojul4



SUMMARY

My name is Nicolas Julian Kurnia Purwantoro, an active second-semester Informatics Engineering student at Pradita University who is highly dedicated to the field of Cyber Security, especially in Penetration Testing. Internationally recognized as a Security Researcher in the NASA Hall of Fame (April 2026) and has real experience in the Vulnerability Disclosure program by reporting security vulnerabilities to CSIRT Jakarta. Having a deep understanding of Web Exploitation, Linux system administration, and actively competing in Capture The Flag (CTF) events. With strong problem-solving skills, I am ready to contribute in a professional environment as an intern or part-time Penetration Tester.

EDUCATION

- Pradita University (2024 – 2028) | South Tangerang City, Banten | Semester 4, GPA 3.57
- Strada St Thomas Aquino High School (2021 - 2024) | South Tangerang City, Banten | Science Department
- Strada Slamet Riyadi Junior High School (2018 - 2021) | South Tangerang City, Banten
- Three Reapers Elementary School Indonesia (2012 - 2018) | South Tangerang City, Banten

PROJECT

1. POSApp (Aplikasi Point Of Sale)

- Developing a JavaFX based Point Of Sale (POS) application with database integration using Hibernate ORM.
- Applying SOLID principles and several design patterns (Singleton, Adapter, Observer) to ensure a scalable and maintainable code architecture.
- Implemented CRUD (Create, Read, Update, Delete) transaction features, exported reports in PDF & Excel formats, search & filter functionality, and unit tests using JUnit.

- Demonstrate a deep understanding of object-oriented application development and database management.

Link : github.com/nicojul4/projectUAS

2. Implementing Web Server & Network Services on Ubuntu Server Noble Numbat

- Installing and configuring Apache2 Web Server on Ubuntu Server, including Virtual Host settings and local domain mapping (ujianos.id) via the “/etc/hosts” file on the local operating system on Ubuntu Server.
- Installing and configuring FTP Server (vsftpd) to enable static web file transfer, troubleshooting repository connection issues on Ubuntu Server and directory ownership by changing file and group permissions with the Linux command: “chown”.
- Implementing the use of FileZilla as an FTP Client, including transition to SFTP (Port 22) for successful Transfer of static files to the “/var/www/ujianos.id/public_html” directory of the web server.
- Demonstrated proficiency in Linux system administration, network configuration, technical troubleshooting, and server management for web applications.

Link:

https://drive.google.com/drive/folders/1PrQ8_v8yYmfEsbpi2JWKDx9ayuloC6r1?usp=drive_link

COMPETITION EXPERIENCE

1. Recursion 1.0 | Informatics Student Organization, Faculty of Engineering, Hasanuddin University | January 25 - April 13, 2025

- The Defier team members in the Capture The Flag (CTF) competition consist of 3 people, namely: Nicolas Julian Kurnia P, Khiair Zaki Maulana, and David Chungniago.
- I contributed to solving challenges in the Web Exploitation and Binary Exploitation categories.
- This competition can improve the ability to solve problems and work together in teams under pressure or struggle in the ongoing CTF competition.

EXPERTISE AND COMPETENCE

- JavaFX
- Hibernate ORM
- Git & Github
- Apache2
- FTP (vsftpd)

- SFTP
- MySQL
- Kali Linux
- Networking Concepts (Pemahaman IP, Port, Domain)
- Virtualization (VirtualBox)
- Visual Studio Code
- FileZilla
- Administrasi Sistem Linux
- Web Exploitation
- Command Line Interface (CLI)

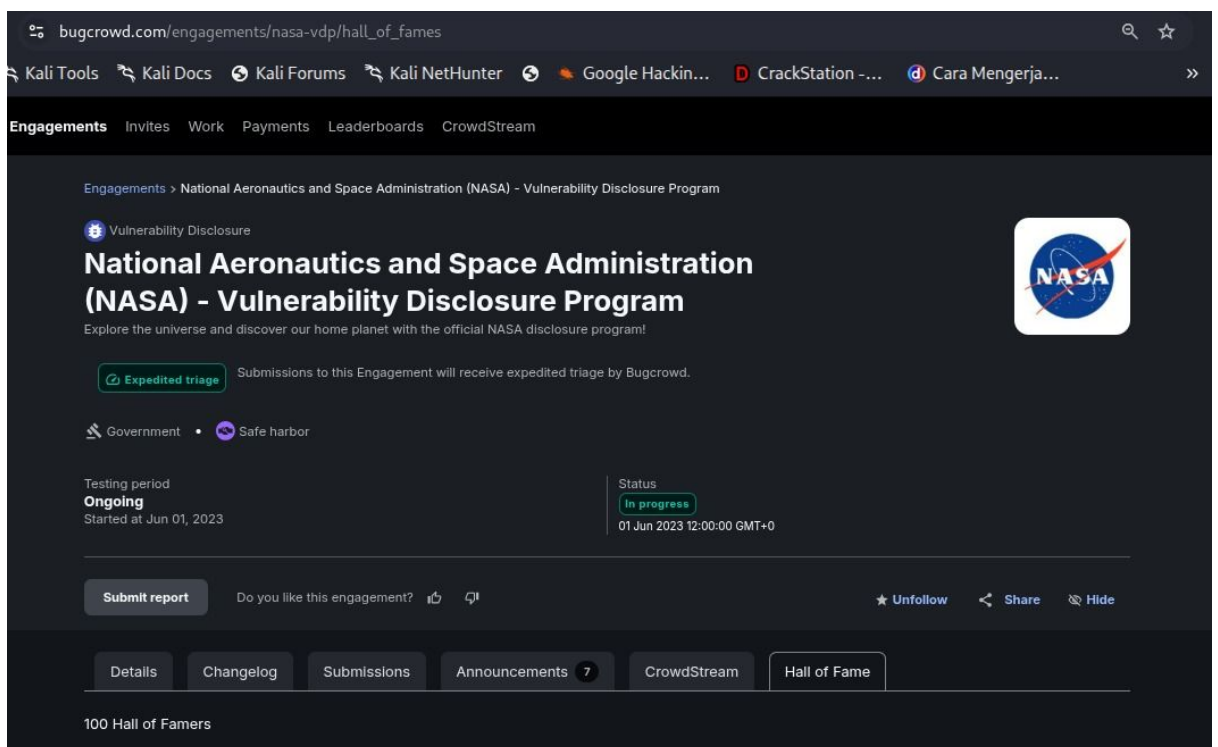
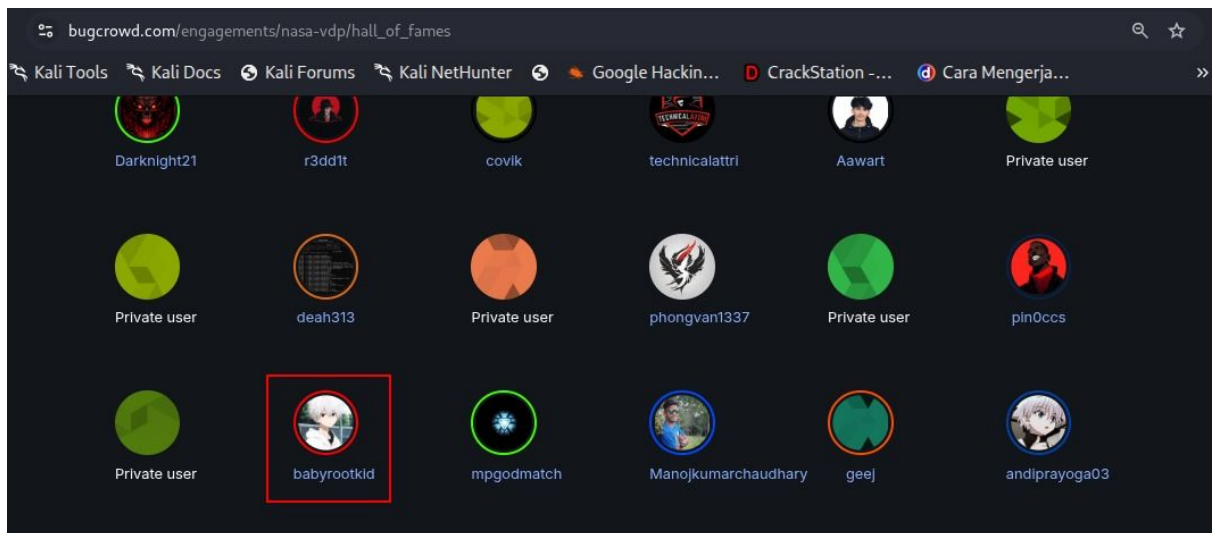
AWARDS/ACHIEVEMENTS

1. Certification of Participation - Capture The Flag Recursion 1.0 (2025)



2. NASA Hall of Fame - Security Researcher in April 2026

Officially recognized in the NASA Hall of Fame (Page 14) for contributions in finding and reporting security vulnerabilities in program Bugcrowd NASA's digital infrastructure.



3. CSIRT Jakarta (Diskominfo DKI Jakarta) - Security Contributor | April 2026

Successfully identified and reported Reflected HTML Injection and XSS vulnerabilities on the DKI Jakarta government domain.



TRAINING EXPERIENCE

- Online Course “Cyber Security Full Course”, IT BOX, 2025

Acquired a comprehensive foundation in cybersecurity principles, threat landscapes, and digital asset protection.



- **Online Course “Ethical Hacking & Penetration Testing”, Hacktiv8, 2025**

Developed hands-on skills in identifying, exploiting, and mitigating security vulnerabilities using industry-standard penetration testing methodologies.



- **TryHackMe - Advent of Cyber 2025 | Desember 2025**

Successfully completed 24 cybersecurity challenges covering various security fundamentals.



- **LinkedIn Learning - IT Security Foundations: Network Security | July 2025**

Developed a professional understanding of securing network infrastructures and operational security protocols.

