

Seno Pamungkas Rahman

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RESEARCH INTERESTS

- Cloud Computing and Cloud Infrastructure
- Query Processing and Performance Optimization in Distributed Systems
- Cloud Databases and Large-Scale Data Management
- Data Privacy and Security in Cloud-Based Systems

EXPERIENCE

TECHNICAL SUPPORT – Internship

December 2024 - June 2025

Superbank (Jakarta Selatan)

- Managed **end-to-end deployment** of vendor-provided scripts across AWS EC2 (Dev/Staging) via **S3 bucket integration, WinSCP file transfers, and XML configuration adjustments**.
- Automated deployment workflows by developing a **PowerShell script** to extract ZIP files and **configuration for deployment processes, reducing manual effort by 40%** and accelerating deployment cycles.
- Resolved production incidents (e.g., CPU spikes, SQL query bottlenecks) by acting as a technical liaison, **analyzing root causes, and escalating issues via Jira tickets** to cross-functional teams.

FIXED CONNECTIVITY, ICT & CLOUD – Internship

February 2024 - June 2024

PT XL Axiata Tbk (Jakarta Selatan)

- Conducted **comprehensive market research** and **data scraping** using **Python, BeautifulSoup, and Pandas** to identify **growth opportunities** and assess the competitive landscape for satellite products.
- Presented **data-driven findings** and **strategic recommendations** to mentors and senior management to support **informed business strategy and product development**.
- Collaborated closely with **cross-functional teams** to ensure timely completion of tasks and seamless **integration of research insights** into project outcomes.

FULLSTACK WEB DEVELOPER – Internship

September 2023 - November 2023

PT Bank Victoria International (Jakarta Selatan)

- Developed **dynamic journal booking tables** on the frontend with **Flutter**, integrating advanced **filtering** (by date and booking type), **pagination**, and **soft deletion** functionalities.
- Integrated the **Flutter frontend with backend APIs built in NestJS** and maintained data consistency with **MySQL**, ensuring accurate real-time accounting records.
- Executed **targeted database queries** to correct and optimize data integrity, working in close collaboration with teams to align front-end displays with updated backend data.

EDUCATION

Universitas Indonesia

September 2021 – September 2025

- **GPA:** 3.78/4.0
- **Coursework:** Computer Architecture, Operating System, Real Time System and IoT, Computer Networks, Software Engineering, Cloud Computing

PROJECTS

VXLANG SECURITY ANALYSIS (THESIS)

cattyman919/skripsi-project [🔗](#)

- Developed multiple C++ test applications (Console, Qt, Dear ImGui) and cryptographic benchmarks using CMake, Ninja, and Clang, integrating the VxLang SDK to implement granular virtualization on critical execution paths.
- Conducted in-depth static and dynamic analysis using Ghidra and x64dbg, demonstrating a >90% reduction in identifiable symbols and successful obfuscation of control flows against standard debugging techniques.
- Applied virtualization to a functional Remote Administration Tool (Lilith RAT) to test operational integrity and analyzed detection evasion capabilities against 72 antivirus engines via VirusTotal.

YAZI (OPEN SOURCE)

sxyazi/yazi [🔗](#)

- Developed a real-time task progression system for file copying operations, replacing static status messages with a visual progress bar, byte transfer metrics, and file counts.
- Engineered the solution by modifying the core Rust task logic ('yazi-core') to track I/O states and updating the Lua-based UI components ('yazi-plugin') for rendering.
- Navigated a large, complex open-source codebase to implement the feature, successfully merging the contribution to enhance user feedback for long-running operations.

SKILLS

- **IELTS Academic:** 7.0
- **Hard Skill:** Database Systems, Web Development, Fullstack Engineer, Networking, Internet of Things, Machine Learning
- **Soft Skill:** Teamwork, Communication, Adaptability, Responsibility, Creativity, Discipline, Honesty
- **Programming Languages:** C, C#, C++, Go, Javascript, HTML, CSS, Python, Typescript, Java, PHP, Dart, Rust
- **Database:** PostgreSQL, MySQL, NoSQL
- **Frameworks & Misc:** React, NestJS, NextJS, Flutter, Spring Boot, ExpressJs, Docker, Tailwind CSS, Git, Linux
- **Certificate (2025):** Red Hat System Administration I & II (RH134 - RHA) - Ver. 9.3
- **Certificate (2024):** AWS Knowledge: Cloud Essentials
- **Certificate (2023):** CCNA: Enterprise Networking, Security, and Automation
- **Certificate (2023):** CCNA: Switching, Routing, and Wireless Essentials
- **Certificate (2023):** CCNA: Introduction to Networks

AWARDS

Top 10 Finalist Hackathon BI 2024

August 2024

Bank Indonesia

- Top 10 Finalist in Bank Indonesia Hackathon 2024 out of 2,200 participants and 450+ proposals
- Spearheaded the development of BitTrack's Frontend and UI/UX, ensuring a seamless user experience and visually appealing design, while also driving the business strategy and direction of the product.