

Seno Pamungkas Rahman

🏡 Tangerang Selatan | 📩 senop.rahaman@gmail.com | ☎ +62-812-9357-8560 | 🔗 <https://senop.dev>
in Seno | 💬 cattyman919

EXPERIENCE

CLOUD OPERATIONS – Contract

September 2025 - Present

XLSmart (Jakarta Selatan)

- Engineered a high-concurrency **Go** tool to automate weekly End-of-Support (EOS) and capacity reporting across ~100 AWS accounts and ~100 GCP projects, slashing manual report generation time from 45 minutes to under 3 minutes.
- Built a **Go** utility to **audit Kubernetes clusters** at scale, querying **EKS clusters** to gather **PodDisruptionBudget (PDB)** and **HPA** data for cross-team resilience analysis.
- Designed and implemented key **Grafana** dashboards to centralize observability, visualizing **CPU/Memory** from multiple **Prometheus** datasources and tracking **AWS service capacity** (EC2, RDS, EKS).
- Developed 'Kluster-Compare', a **full-stack internal tool** (**Go** backend, **Next.js** frontend) to visualize and **diff** **Kubernetes manifests** between live clusters (**Rancher**) and GitOps states (**ArgoCD**), streamlining **Blue/Green deployment validation**.
- Optimized container deployments by implementing **multi-stage Docker builds** (using scratch/distroless images) for internal tooling, reducing image size and **hardening security posture** for Kubernetes deployments.
- Engineered an automated **AMI compliance scanner** in **Go** to track **Amazon Linux 2 to 2023 migration** progress across **Karpenter** nodepools and **EKS Managed Node Groups** in **50+ AWS accounts**.
- Conducted deep-dive performance assessments on **AWS RDS**, identifying bottlenecks and recommending **composite indexing strategies** that optimized query execution for high-volume transaction tables.
- Integrated internal audit tools with **Microsoft Graph API** to automatically generate and upload formatted Excel reports to SharePoint, eliminating manual data entry for weekly capacity reviews.
- Streamlined operational reporting workflows by automating **data collection** from disparate cloud sources (AWS, GCP, K8s), significantly **reducing administrative overhead** for the Cloud Operations team.
- Refactored legacy automation scripts into modular **Go packages**, improving **code maintainability**, error handling, and enabling easier collaboration within the engineering team.
- Orchestrated the periodic patching and upgrade cycles for **EKS node groups**, ensuring compliance with **security standards** by migrating workloads from **Amazon Linux 2 to AL3**.
- Led cost-optimization initiatives by building automated scanners to identify **underutilized EC2 instances** and detached **EBS volumes**, facilitating data-driven resource rightsizing decisions.
- Managed and maintained Kubernetes infrastructure health, ensuring configuration consistency between **Blue/Green environments** via **ArgoCD** and **Rancher**.

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.

FRONTEND WEB DEVELOPER – Internship

September 2022 - October 2022

MileApp (Jakarta Barat)

- Rebuilt and redesigned critical web pages (**landing, login, and registration**) from scratch using **React** and **styled-components**, contributing to a major UI overhaul aimed at **improving user experience and performance** for field agents and administrators.
- Collaborated remotely with supervisors to integrate the new **React-based frontend** with the platform's evolving product direction, **replacing legacy code with scalable, maintainable components**.

FRONTEND WEB DEVELOPER – Part-time

February 2021 - October 2022

Furaha System (Tangerang Selatan)

- Engineered **complex exam pages** for a comprehensive E-Learning platform using **Next.js**, incorporating **navigation bars, dynamic question-sidebars, and real-time answer tracking**.
- Collaborated with **cross-functional teams** and **maintained regular progress updates**, ensuring alignment with project milestones and timely delivery of platform enhancements.

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

SKILLS

- Hard Skill:** Web Development, Android 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

Bank Indonesia

August 2024

- 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.