# Seno Pamungkas Rahman

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# **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

# **EXPERIENCE**

#### SUPERBANK - Jakarta Selatan

December 2024 - June 2025

Technical Support

- 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.

### PT XL AXIATA TBK - Jakarta Selatan

February 2024 - June 2024

Fixed Connectivity, ICT & Cloud

- 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.

# PT BANK VICTORIA INTERNATIONAL – Jakarta Selatan

September 2023 - November 2023

Fullstack Web Developer

- 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.

#### MILEAPP - Jakarta Barat

September 2022 - October 2022

Frontend Web Developer

• 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**.

# **EDUCATION**

# Universitas Indonesia, Bachelor of Computer Engineering

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**

AUTOCV

cattyman919/resume 🗹

- Streamlined CV creation by developing a tool that generates **multiple customized PDF versions** from a modular data source split across three YAML files ('general', 'experiences', 'projects'), eliminating repetitive manual editing.
- Engineered a **concurrent build process** using **Go's goroutines and waitgroups**, significantly cutting down generation time for multiple CVs.
- Containerized the entire build environment with **Docker**, ensuring consistent and reproducible builds across different machines.

DANCERTOS cattyman919/AbsenceSystem ☑

- Led the end-to-end development of the DanceRTOS attendance system, building both the **Flutter frontend** and **NestJS backend**.
- Engineered a real-time student login system using MQTT and RFID on an ESP32, enabling secure and instantaneous attendance tracking.
- Designed and implemented a dynamic class schedule and attendance table, providing lecturers with an organized and real-time view of student presence.

HTTP SERVER cattyman919/http ☑

- Engineered a **non-blocking**, **polling-based socket server** in **C** to handle multiple concurrent client connections efficiently.
- Implemented a **custom HTTP parser and response generator**, enabling the server to handle a variety of requests and serve dynamic content.
- Designed and implemented a **binary search tree for dynamic routing**, allowing for efficient and scalable URL-to-file mapping.

- Deployed and manage a suite of services including Jellyfin for media streaming, Portainer for Docker container management, and an Asterisk SIP server for home VoIP.
- Configured core network services, including **Samba for local file sharing**, **nginx as a reverse proxy** for simplified service access, and implemented **fail2ban and firewalld** for enhanced security.
- Established a robust data management and remote access strategy using **rsync for automated backups** and **Tailscale** for secure, seamless access to the entire home network from any location.

# **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.