



Chairul Saleh

Senior OSS Engineer — Telecom & Data Automation

• chairulsaleh.ossengineer@gmail.com

• Palembang, Indonesia

• chairulsaleh.my.id

• github.com/hairullss

PROFILE

Over 12 years in the mobile telecommunications industry as a Data Operations & OSS Engineer (Operational Support System) on Huawei projects for Indonesia's major operators. I turn raw network data into ready-to-use information — through hands-on analysis as well as scheduled automation — delivered in whatever form users actually need, using a range of programming languages and tools. Analytical, creative, cooperative, and efficient in how I work; deeply curious, quick to master new things, and used to cracking complex problems by thinking outside the box.

SKILLS

TELECOM DOMAIN

Huawei OSS data operations across 2G/3G/4G networks — rollout, refarming, and network performance management.

Huawei OSS 2G GSM / 3G UMTS / 4G LTE Networks Multi-vendor (Huawei & NSN)

MOCN (Multi-Operator Core Network) Refarming & Rehoming Network Rollout & Modernization

Network Performance Management (NPM)

LANGUAGES & SCRIPTING

Daily working languages for data processing, automation, and tooling.

Python TypeScript SQL Shell Script VBA (Excel Macros)

WEB & VISUALIZATION

Building web delivery and visualization layers for processed data.

React React Three Fiber Astro Tailwind CSS shadcn/ui Lenis Lucide Apache ECharts

Matplotlib

DATABASES & STORAGE

Operating and administering the data stores behind reporting pipelines.

Oracle PostgreSQL Redis Database Administration

PLATFORMS & INFRASTRUCTURE

Runtime platforms and private networking for self-managed systems.

Docker Ubuntu Windows WireGuard Tailscale

DEVELOPER & AI TOOLS

Day-to-day development environment with an AI-assisted workflow.

VS Code GitHub Claude OpenAI Kimi Ollama

DATA & AUTOMATION

Scheduled end-to-end data processing, delivered in whatever form users need.

Data Operations Data Automation & Scheduling Network KPI Reporting Telegram Bot

Multi-format Data Delivery

LEADERSHIP & COLLABORATION

Leading OSS engineering teams and coordinating across projects and regions.

Leading OSS Engineering Teams Outsourced Team Management Cross-project & Regional Coordination

System Developer

May 2026 – present

Palembang, Indonesia

Independent Project

Taking a deliberate break between contracts to focus fully on a personal project: an integrated, scheduled data-processing automation system — high-speed ETL compute whose results are delivered on the web, accessible from any device without specialized tooling such as Power BI.

Senior OSS Engineer

Aug 2025 – Apr 2026

Medan, Indonesia

PT Nexwave

Handled Huawei OSS data operations across two major operator projects:

- **XLSmart, West Zone** — MOCN (Multi-Operator Core Network) project: data support for the post-merger XL Axiata–Smartfren network integration.
- **Telkomsel, North Sumatra Region** — NPM (Network Performance Management) project: processing and reporting of network performance data.

Huawei OSS · MOCN · Network Performance Management · 4G LTE

Lead OSS Engineer

Oct 2018 – Aug 2025

Palembang, Indonesia

PT Globalone Solusindo

Led OSS data operations for nearly seven years across a series of network modernization projects — including leading the OSS engineering team for the South Sumatra region:

- **Telkomsel, South Sumatra Region** — 4G rollout (L900/L1800/L2100/L2300), 3G sunrise/shutdown, U900/U2100 3G refarming, and 2G–3G rehomings.
- **Telkomsel, North Sumatra Region** — BSC rehomings project.
- **XLSmart, Central Zone** — MOCN (Multi-Operator Core Network) project.

Huawei OSS · 4G LTE · 3G UMTS · Refarming · Rehoming · MOCN

OSS Engineer

Apr 2017 – Oct 2018

Palembang, Indonesia

PT Sinergi Aitikom

Provided OSS data support for Telkomsel ICT projects in the South Sumatra region, covering the data needs of a series of 3G network modernization works:

- U900/U2100 3G rollout
- U2100 3G refarming
- 3G RNC rehomings
- 4T4R equipment replacement

Huawei OSS · 3G UMTS · RNC Rehoming · 4T4R

Senior Network Data Support

Mar 2015 – Apr 2017

Palembang, Indonesia

PT Humanika Sarana Mandiri

Worked within the SQA (Service Quality Assurance) department of Telkomsel ICT, South Sumatra region:

- Managed the outsourced Data Support team of 4–5 people — task allocation, output quality, and day-to-day coordination.
- Database administrator for Telkomsel’s internal KPI dashboard (the “Brownies” website).

Database Administration · KPI Reporting · Team Management

Data Operations Assistant

Aug 2013 – Mar 2015

Koperasi Telkomsel (Kisel)

Palembang, Indonesia

Career starting point in the telecom industry, within the SQA (Service Quality Assurance) department of Telkomsel ICT, South Sumatra region:

- Prepared and fed data into Telkomsel's KPI dashboard (the "Brownies" website).
- Handled 2G and 3G network data across vendors (Huawei and NSN).

2G GSM · 3G UMTS · Huawei · NSN · KPI Reporting

EDUCATION

STMIK Palcomtech (now ITB Palcomtech)

Sep 2007 – Jun 2013

Bachelor's Degree (S1) — Information Systems

Graduated with a 3.32 GPA, specializing in design and programming — the foundation of an analytical and creative approach to building information technology solutions. STMIK Palcomtech has since become [ITB Palcomtech](#).