

CURRICULUM VITAE

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Degree : Bachelor (S1) in Electrical Engineering Gadjah Mada University
Diploma III in Telecommunication Engineering Polytechnic of Brawijaya University

Summary :

More than 16 years professional experience in RAN 2G, 3G, 4G Telecommunication project delivery:

1. GSM & LTE Swap Project – XL-NOKIA
2. LTE Network Roll Out BAKTI KOMINFO
3. WCDMA & LTE RAN Manage Service
4. WCDMA & LTE RAN Tuning & Optimization Project
5. GSM & WCDMA RAN Swap & Modernization Project
6. GSM & WCDMA RAN Network Roll Out Project

Professional Working Experience:



Jun 2022 – Jan, 2023, NOKIA Indonesia

Role : NIC/NOC RAN - "Manage Service"

Project : Manage Service for Swap & New Site Deployment 2G & 4G

Customer : XL Axiata Central Java

Activities :

1. Live Network BTS monitoring and minimize alarm occur in network using NetAct
2. Alarm analysing & troubleshooting remotely using **NetAct** for some BTS with low availability
3. Supporting and maintain network to be health and to reach acceptable availability (NAV)
4. Issue/dispatch Trouble Ticket (TT) to field line management (FLM) team
5. Coordinating with field line management to make sure that TT is executed and issue solved
6. Supporting partner teams/FLM in doing BTS troubleshooting



May 2021 – Jun 2022, PT Fiberhome Technologies Indonesia

Role : Manager of Network Roll Out LTE RAN Sulawesi Area

Project : Percepatan Pembangunan TI Daerah 3T (Terdepan, Terluar, Tertinggal)

Customer : BAKTI Kementerian Kominfo RI

Activities :

1. Ensure resources availability and allocation based on agreed zone requirement
2. Setting up and scheduling a target of integration / on air site
3. Maintain project tracker or report
4. Coordinating with teams & subcontractor associated with readiness team for MOS and site (BTS, VSAT, MW, Solar Cell Power System, Switch) installation & integration.
5. Giving technical training BTS, CCTV, SWITCH, Solar Cell Power System to internal team & subcontractor team
6. Giving technical input regarding to BOQ/BOM list of BTS

7. Supporting site integration using both VSAT and Microwave
8. Supporting in fault management and/or help-desk activities
9. Supporting and involving in achieving project management goal.
10. Providing all technical opinion & solution or advices to project teams & QA teams.
11. Provides supporting for technical activities such a SW upgrades and other technical issue.
12. Make sure that installation and integration by subcontractor/team is according to the timeline/target and quality.
13. Supporting technical in customer acceptance testing.



Oct 2020 – Mar 2021, PT Java Services

Role : LTE Optimization & OSS Engineer

Project : New Site Roll Out & Optimization

Customer : Ericsson - XL Axiata Jabodetabek, Banten

Activities :

1. Escalating if any issue related to hardware to project team
2. Monitoring alarm issue after troubleshooting
3. Analyze SSO (Single Site Optimization) to improve coverage, quality & KPI
4. LTE RAN (CPP & Baseband) configuration management & troubleshooting
5. RBS/RNC counter management in OSS/ENM
6. Analyze DT SSV to make sure site not cross feeder
7. OSS command line (shell/moshell scripting) to change parameters & configurations
8. Node's, (RBS and eNodeB) baseline consistency check.



Sep 2018 – Jun 2020 Huawei (Manage Services)

Role : Sr. NOC RAN WCDMA & LTE

Project : “Amazon” Manage Service

Customer : XL Axiata Jabodetabek, Banten & CJ

Activities :

1. Handle RBS/BTS (CPP & BaseBand) & RNC troubleshooting/alarm handling.
2. Configuration management (checking & changing) using moshell/amos & OSS ENM.
3. OSS command line shell scripting (moshell/amos) for nodeB, e-nodeB & RNC to change parameters & Configurations, Operation & Maintenance.
4. OSS Fault/Network Element enrollment troubleshooting, delete create enrollment NE.
5. Alarm monitoring via OSS M2000/M2020 and IP Clock troubleshooting.



Aug 2011 – Jun 2018, Ericsson Indonesia (under Nexwave, Lexcorp, Evantama)

Role : 3G 4G RAN Optimization & OSS Engineer

Project : New Site, Modernization/Swap & Optimization 3G 4G

Customer : XL Axiata Jabodetabek, Banten, WJ, CJ

Activities :

1. WCDMA-LTE RAN (CPP & Baseband) configuration management.
2. OSS command line shell (moshell/amos) scripting for RBS & RNC to changes parameters and more configuration
3. RBS, RNC, eNodeB baseline daily consistency check.
4. Node's counter activation using OSS-3G 4G RAN Measurements (OSS RC/ENM).
5. Troubleshooting & any technical supports using amos/moshell for tuning & optimization.

6. Change Request (CR) handling, troubleshooting related to performance issues & QOS.
7. Drive test analysis and recommendation of changing cells parameters
8. Issue escalation, follow up & doing rectification
9. Optimization bad Spot & bad area/cluster
10. GPEH, WCNS, WMRR handling/management OSS/ENM.
11. LTE Frequency Center shifting/carving.
12. Drive test analysis and cells parameters recommendation change.
13. Physical tuning Site with Rigger
14. Analysis & improving KPI for new site by parameter changing
15. Make Report Tuning, KPI Target and Audit Report.
16. Alarm checking and analyzing and technical solution.
17. Performance Monitoring.
18. HSPA configuration & data throughput troubleshooting.
19. LTE bandwidth upgrade/expansion, feature activation, F2 de-activation.
20. Follow-up customer complaint with giving technical support.
21. Support Drive Test activity in term of achieving KPI of site base.



Mar 2011 – Jul 2011, NOKIA (d/h. Nokia Siemens Network)

Role : **Project Engineer**

Project : **Modernization / Swap & New Site Deployment**

Customer : **Indosat Ooredoo Central Java**

Activities :

1. Coordinating & managing subcontractors to ensure project delivery properly & meet timeline & quality.
2. Preparing & create Method Of Procedure (**MOP**) of Swap Out / Cut Over.
3. Working with project team members, partner and customer to coordinate project activities, associated with BTS Node's installation, Integration, Testing, and Acceptance.
4. Preparing & provide Bill of Quantity (BOQ) of sites to fulfill technical requirement.
5. Coordinating with warehouse team to monitor material delivery status.
6. Supervising installation and ensure that all installation is completed & proper.
7. Site end to end readiness preparation and implementation of RNC and NodeB associated with Swap and Modernization activity.



Apr 2006 – Dec 2010, Ericsson Indonesia (Permanent Employee)

Role : **RAN Integration & Transmission Engineer**

Project :

- 2009 – 2010
Indosat Ooredoo: RAN 3G Rehomings Jabodetabek & West Java
Indosat Ooredoo: RAN 2G Swap / Modernization West Java
- 2008 – 2009
AXIS: RAN 2G 3G Network Roll Out Jabodetabek & Banten
- 2006 – 2008
XL Axiata: RAN 2G 3G Network Roll Out Jabodetabek, Central Java

Activities :

1. Support & supervision of Installation, Commissioning, & Testing (Functionality test).
2. Providing e2e technical support for project activities
3. Preparing & create Method of Procedure (**MOP**) for some technical activity.
4. Conducting acceptance & closing with customers (accepting test).
5. Alarm monitoring and troubleshooting.
6. Configuration Management & troubleshooting both Radio (RAN) & Microwave.
7. Follow up customer complaint according to technical issues.
8. Coordination with subcontractor teams, project management, warehouse & customer.



Aug 2005 – Apr 2006, AlanDick Indonesia

Role : **Transmission & BSS Engineer**

Project : BSS Network Rollout Expansion

Customer : TELKOMSEL Jabodetabek + Sumbagut

Activities :

1. Installation, Commissioning, Testing, & Troubleshooting Radio & TRM Flexy Hopper, MiniLink & RBS.
2. Acceptance with customer.

Highlights of qualifications & vendor product experiences:

1. ERICSSON (cpp & baseband), NOKIA, HUAWEI, FiberHome (DatangMobile)
2. ERICSSON MiniLink E, Traffic Node, NOKIA FlexiHopper Transmission
3. NEC Pasolink
4. ERICSSON OSS RC/ENM (CNA, SHM, SMO, etc)
5. NOKIA NETACT
6. HUAWEI M2000/M2020
7. BTS DatangMobile & OSS UEM5000
8. Moshell / amos command line & scripting and tracing
9. Radio Network Tuning & Optimization (RF Engineering)
10. Linux / Unix / python scripting
11. IP RAN, CISCO command line, IP & VLAN Configuration, SWITCH S4820

Trainings:

- Project Management untuk Profesional: Panduan Lengkap PM - BALE Training-Udemy - 2023
- Knowledge Sharing “OSS ENM (Ericsson Network Manager)” - Ericsson Indonesia
- Knowledge Sharing “Capacity planning overview;” - Ericsson Indonesia
- Knowledge Sharing “Optimizing Scrambling Code Planning” - Ericsson Indonesia
- Knowledge Sharing “Antenna Configuration” - Ericsson Indonesia
- Knowledge Sharing “IRAT Failure Cases and Analysis” - Ericsson Indonesia
- Knowledge Sharing “Workflow of RF Re-Design Coverage” - Ericsson Indonesia
- WCDMA Radio Network Optimization : www.nubeesystem.com – 2011
- LTE/SAE System Overview : Ericsson Indonesia – 2010
- WCDMA RAN W10 Configuration : Ericsson Indonesia – 2010
- MIMO in WCDMA and LTE : Ericsson Indonesia – 2010
- RBS 6000 Overview : Ericsson Indonesia – 2009

- Mini-Link TN R4 Operation & Maintenance : Ericsson Indonesia – 2009
- WCDMA RAN P7 Functionality : Ericsson Indonesia – 2009
- Moshel Training : Ericsson Indonesia – 2008
- WCDMA RAN P6 Delta : Ericsson Indonesia – 2008
- WCDMA RAN Advanced Troubleshooting : Ericsson Indonesia – 2008
- WCDMA HSDPA System Technique : Ericsson Indonesia – 2007
- WCDMA RAN Operation : Ericsson Indonesia – 2007
- WCDMA RAN Maintenance : Ericsson Indonesia – 2007
- Cisco Network Devices (ICND) : PT INIXINDO JAKARTA – 2009
- Leading Change : Daya Dimensi Indonesia, authorized Partner
of Development Dimensions International.
- Effective Business Communication : PT EXPERD JAKARTA – 2007
- Safety Tower Climbing : PT. PLN - 2006
- Networking with Linux Redhat : Engineering Faculty UI Jakarta - 2004
- Applied Computer Based on Engineering : LAPI ITB Bandung – 2004
- Mechatronic Engineering Technology : Polytechnic of Manufacture Bandung – 200