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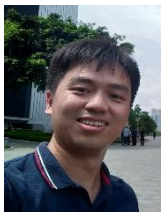

About

I am Radio Access Engineer with a broad range of technical experience in Wireless network also known as Radio Access Network. My expertise is an analysis of network anomalies, Initiate feature parameter design and implementation, QOS or a traffic shaping, SW release functionality test, Fast Network Roll-out using automation script and tools, Full mobility combination scenario test in multi-technology extended with cross-vendor mobility test with Nokia, Huawei, and Ericsson.

I am self-motivated learning person. I have completed courses in Data Science IBM through Coursera.org.

Education

- **B.Eng.** in Electrical Engineering **Chiang Mai University**, Chiang Mai, Thailand…….Class of 2009

Language Proficiency

- **English** – Full professional proficiency toeic,810
- **Chinese**
- **Thai** – Native or bilingual proficiency

Work Experiences

Job title: Radio Access Engineer **Main Task: PoC, Feature, Function Test (testbed)** Nokia Thailand DTAC account MAY-2018 – Present Employment: Full-time	**5G EN-DC DSS 700Mhz with Inter eNB-CA (band combination of b1+n28 and sCell b3 inter eNB) –** Perform 5G EN-DC DSS 700Mhz test with inter eNB CA on the LTE cell **4G TDD MU-MIMO –** Perform functionality testing the Massive MIMO radio module which have digital antenna beamforming AENB MAA 32T32R 128AE B40/n40 240W **5G EN-DC DSS 700Mhz (band combination of b1+n28) –** Perform LTE-NR 700 MHz Dynamic spectrum sharing functionality and mobility testing. **5G EN-DC 26Ghz (band combination of b1+n258) –** Trail 5G 26Ghz n258 FR2 TDD perform functionality and mobility testing with handset and CPE **NB-IoT device test –** Test customer NB-IoT device and platform using Nokia NB-IoT cell **Décor functionality test –** allow all subscriber registration to 4G MME then Reroute those Subscriber that is 5G SIM to EPC(5G support) **4G TDD Massive MIMO 23Mhz –** perform functionality and mobility testing on Massive MIMO module AANB AAS 64T64R 120W B40 **UG900 testing –** perform G900 U900 share spectrum test **Radio Unit power consumption test -**perform check whether power consumption is align to standard **Support Radio Module functionality/mobility testing** AHDB AHDPA AHEGC ARGA etc. **Create ticket for solving** SW/hardware issue from live-network **PnP Plug and Play** perform PnP site commissioning Zero touch to reduce time and cost of network mass rollout

	PS/CS Relocation between Huawei BSC6910 and Nokia mcRNC18 parameter design testing and implementation in Live Network **Perform testing for Nokia FDD MVI (Multi-Vendor Interoperability)** -Handling Huawei configuration for Huawei side configuration for interworking with Nokia cells all technology -Perform cross combination vendor and technologies mobility test between Nokia, Huawei and Ericsson -Given presentation to customer team for swap project to verify new deployment nodes is functioning **Execute testing for new release SW to be deployed in the network** -Perform testing to verify SRAN18A before live network deployment **Perform testing for customer new concession license 900 MHz** Perform testing RAN nodes for 900MHz, new license planned to be deployed in 2020 **Perform testing RAN nodes for newly integrated Nokia Cloud Core platform CBIS18 SGSN, GGSN** -Execute testing for RAN nodes which home to new deployed Nokia Cloud Core Platform CBIS18 -Verify connectivity, mobility, basic functional, and core-specific function related to the RAN nodes
RAN Engineer (Test) **E2E QOS** Ericsson (Thailand) LTD DTAC JUL-2017 - APR-2018 Employment: Contract	**Perform testcase for QOS project** **Huawei LRAN Feature Dynamic Scheduling, DiffServ QoS Support** **Huawei WRAN Feature Differentiated Service Based on SPI Weight** **Task overview** -Classify user to 3 classes: normal, abusive and VIP -Test attribute from core-network regard to QCI for LTE and THP, traffic class for 3G -Verify scheduling function is working when cell is congested and max utilized -Verify dynamic QOS modification changes on the UE throughput -Verify congestion criteria for WRAN and LRAN Ericsson Admission Control
RAN Engineer (Test) **Thin Layer GSM L900MHz** **BFD Function in RNC R2 EVO8200** Ericsson (Thailand) LTD TRUE OCT-2016 – JUN-2017 Employment: Contract	**Perform feature test**: Ericsson Lean Carrier and PUCCH Overdimensioning -Support RAN part in lab test -Increase from LTE 5MHz(25PRBs) to 8MHz(40PRBs) -Double power from 20 to 40 watt per port -setting dlConfigurableFrequencyStart for startingpoint frequency in LTE and setting dlFrequencyAllocationProportion to allocated proportion of bandwidth **Perform feature test**: Ethernet Link Aggregation -Ericsson New RNC R2 EVO8200 change from APP to CAX. From layer 2 switch to layer 3 router switch and turn on BFD -verify BFD functionality to be working properly in the RNC.
RAN Integration Engineer Ericsson (Thailand) LTD TRUE MAR-2015 – SEP-2016 Employment: Contract	-Perform integration new radio node to live-network (LTE 2100,1800, 900) -Create RBS XML script for filed integrator and OMC -Maintain radio parameter configuration to be aligned with baseline -Developed automate tools to reduce human work -Troubleshoot issue/alarm on NodeB, eNodeB -Implemented changes in configuration on the network -Test work in Testbed for adopting new product or software package in the customer network -Mentor new engineer and provide knowledge sharing
Wireless Engineer Huawei Technologies CO., LTD. DTAC JUN-2013 – MAR-2015	-Cooperate with Access Network team, RF team to synchronize the low level design and Radio parameters -Prepare script for on-site integrator and OMC -Report alarms for commercial NodeB and eNodeB -Perform inconsistency between design and Live-Network -Support night operation RFC(Request for change)

	-Report progress for the daily Node integration to the project management team -Integrate and commissioning BSC6910

Research Grant

- "Herb Classification from Leave Images on Android System,"
  reference: http://ee.eng.cmu.ac.th/?page_id=406&lang=th search for "Palatip"
  Research document [Thai]
  https://drive.google.com/file/d/0BwgNAyokUaVOWkJOMDlHMmZBaWc/view?usp=sharing

Award / Recognition

- **[Nokia] Service Performance Award** offered by **Christian Gorecki** APJ MS LDO Head, NSN Singapore, October 7, 2019

Coursera Certification and Credential URL **The UNIX Workbench** by Johns Hopkins University https://www.coursera.org/account/accomplishments/certificate/N327L9BW3XDV **Operating Systems and You: Becoming a Power User** by Google https://www.coursera.org/account/accomplishments/certificate/ERT4W5QT5HEP **What is Data Science?** By IBM https://www.coursera.org/account/accomplishments/certificate/VUBJDRG355TS **Data Science Methodology** by IBM https://www.coursera.org/account/accomplishments/certificate/B498NZ6KRZ4Q **Tools for Data Science** by IBM https://www.coursera.org/account/accomplishments/certificate/HW8SXL8FXDNK **Python for Data Science and AI** by IBM https://www.coursera.org/account/accomplishments/certificate/JEL6XRMXHEDT **Databases and SQL for Data Science** by IBM https://www.coursera.org/account/accomplishments/certificate/B8L2VPB9S9NE **Data Analysis with Python** by IBM https://www.coursera.org/account/accomplishments/certificate/4UL92ETTUVXL
Nokia internal Certificate (Radio Access Network) [NPD_Execute Customer Project Team] [NCSA LTE Technology] [NCSS TSH - SRAN 18A] [RA4104EN05GLA00_PrePostTest] [SRAN Introduction to Common Transport and Synchronisation] [Delta for SRAN AirScale and Flexi MR 10 BTS for SRAN19] [Product Support Training for SRAN18A (SR001155)] [Nokia AirScale BTS LTE Commissioning and Integration (TD-LTE-18)] [OMS Troubleshooting (WCDMA18)] [mcRNC 18 Troubleshooting] [mcRNC 18 Operation and Maintenance] [mcRNC 18 Architecture and Solution] [BTS Site solution Overview 5G 19A] [5G OAM_Common OAM for Classical BTS] [5G NPI Enabling - Intermediate Level Step 2] [SRAN and LTE [20A] Delta early enabling for GS/NPI engineers | CUSR231-K-20A0] [AirScale 5G classical BTS Hands-on Training | RA00007-V-19A]
Nokia Certificate (Soft skill side) How to be Productive instead if Busy