CURRICULUM VITAE

MR. PALATIP JOPANYA

paljo708@student.liu.se
Ryd Allé 9.308, 58435, Linköping, Sweden
+46 734905426
https://palatip-jopanya.github.io/cv_palatip/site/

EDUCATION

Master of Communication Systems OCT 2022 – May 2024 (estimated)
Linköping University, Linköping, Sweden.
transcript: https://palatip-jopanya.github.io/cv_palatip/site/transcript

Bachelor of Engineering in Electrical Engineering MAR 2012
Chiang Mai University, Chiang Mai, Thailand.

WORK EXPERIENCE

RAN ENGINEER MAY 2018 - NOV 2021

Nokia (Thailand) Co., Ltd.

Letter of employment: https://palatip-jopanya.github.io/cv_palatip/site/work_certificate_nokia

- I conducted functional testing to collect L3 signaling logs to verify 5G EN-DC with dynamic spectrum sharing (DSS) of 700 MHz (b1+n28) for both functionality and mobility.
- I conducted functional testing to collect L3 message logs to verity handsets with RAN feature: 5G EN-DC DSS 2100&700&1800 MHz with Inter eNB-CA (a combination of b1+ n28 and b3 as a sCell with inter eNB CA).
- I conducted functional testing to collect L3 signaling logs to verify 4G TDD 2300 MHz MU-MIMO functionality of radio modules: AENB (26GHz) and AANB (2300MHz).
- I conducted trials at customer pilot cell sites located in the main city of Thailand for 5G EN-DC 2100 MHz + 26 GHz (b1+n258).
- I conducted feature testing of the decor feature to collect L3 message logs and verify the signaling flow for rerouting S1AP of 5G UE&SIM from legacy MME to the MME in new EPC.
- I conducted power consumption testing in watts to verify power consumption for each radio power level in radio modules to prove the specification.
- I conducted functional testing of Plug and Play (PnP) feature in RAN nodes to verify that the system module can be integrated into the system without any local configuration. This test is to support high-speed rollout in the project which is part of the Zero Touch project.
- I conducted Multi-Vendor Interoperability (MVI) testing of RAN nodes between Nokia, Ericsson and Huawei for all inter-node and inter-carrier scenarios.
- I conducted testing on demand, for example, reproducing scenarios from incidents in the live-network and collecting logs in the testbed for further analysis.

Recognition (Nokia): https://palatip-jopanya.github.io/cv_palatip/site/nokiaAward.html

INTEGRATION ENGINEER (contracts continuation between) APR 2015 – MAY 2018

CARENET and Business Management Recruitment Co., Ltd. (contracts for Ericsson Project)

Letter of employment: https://palatip-jopanya.github.io/cv_palatip/site/work_certificate_carenett

- I supported rollout project on scripts and templates for RAN nodes: RNCs, NBs and eNBs integration.
- I conducted testing for QoS features to differentiate between different classes of users, ensuring that UEs have different priorities in packet scheduling. I collected L3 message logs to verify the THP and SPI indicators in 3G, as well as the QCI and ARP in LTE in RANAP and S1AP protocols, respectively. This was done to verify that they were assigned correctly according to the design and functioned properly in congested conditions.
- I conducted testing of Ericsson Lean Carrier and PUCCH Over-dimensioning features in LTE to customized PRB allocation from 5MHz (25 PRBs) to 8MHz (40 PRBs).
- I conducted features testing on demand from the project.
- I supported activities in the project: SW upgrade in RAN elements and parameter changes.

Wireless Engineer JUN 2013 – MAR 2015

Huawei Technologies (Thailand) CO., LTD.

- I prepared RAN elements script (NBs, eNBs, RNCs) for on-site commissioning and for integration into the network OSS application.
- I tracked and reported alarms of RAN nodes during network rollout period.
- I performed inconsistency tracking between design and deployed configuration in RAN nodes in live-network.
- I supported night operation for parameter changes in RAN nodes according to the request from RF team.
- I generated daily reports to show progress of the integration for the project management team.
- I Integrated and commissioned RNCs (BSC6910) to support network expansion in 3G.

CERTIFICATES

Online courses.

- **The UNIX Workbench** Johns Hopkins University
  https://www.coursera.org/account/accomplishments/certificate/N327L9BW3XDV
- **Operating Systems: Becoming a Power User** Google
  https://www.coursera.org/account/accomplishments/certificate/ERT4W5QT5HEP
- **What is Data Science?** IBM
  https://www.coursera.org/account/accomplishments/certificate/VUBJDRG355TS
- **Data Science Methodology** IBM
  https://www.coursera.org/account/accomplishments/certificate/B498NZ6KRZ4Q
- **Tools for Data Science** IBM
  https://www.coursera.org/account/accomplishments/certificate/HW8SXL8FXDNK
- **Python for Data Science and AI** IBM
  https://www.coursera.org/account/accomplishments/certificate/JEL6XRMXHEDT
- **Databases and SQL for Data Science** IBM
  https://www.coursera.org/account/accomplishments/certificate/B8L2VPB9S9NE
- **Data Analysis with Python** IBM
  https://www.coursera.org/account/accomplishments/certificate/4UL92ETTUVXL