CHOW KAR KEAN

Contact

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Key Skills

Tools:
Keysight
Rohde & Schwarz
Actix
Atoll
Anritsu Analyzer
XINOS
PRoptima
Wireshark
QXDM
Mapinfo

Telco Equipment/ Platform:
Ericsson
Nokia
Cisco
Huawei
ZTE
Askey
Microchip
Atayalan 5GC
Druid 5GC
Saviah 5GC

Tech Stack:
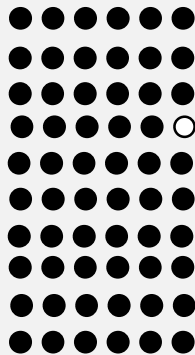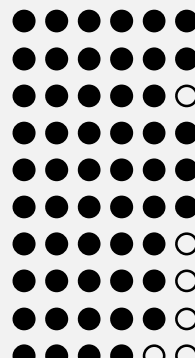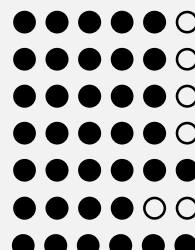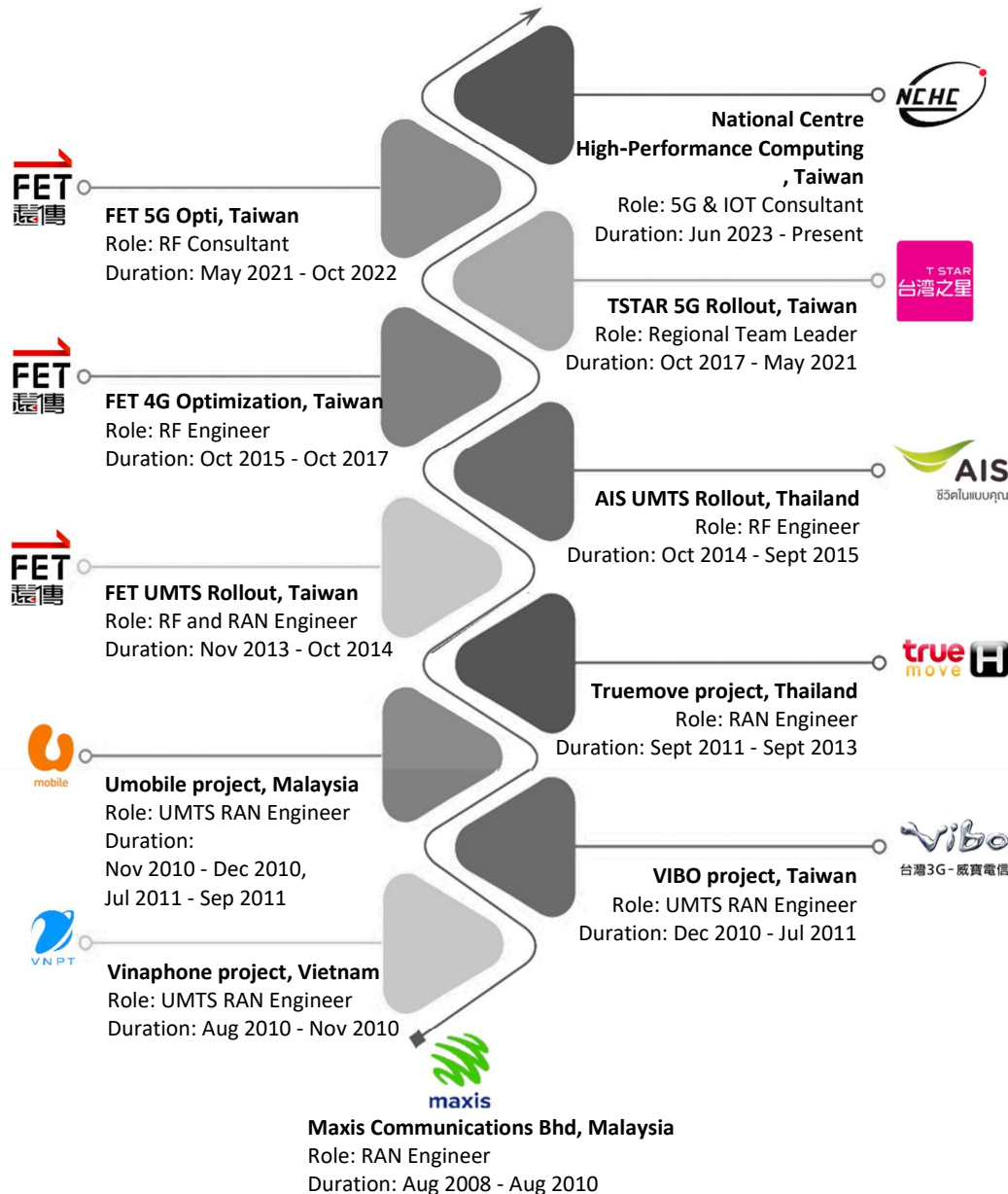Python
VBA
C++
VMware vSphere
linux
Azure
Office

Profile

Currently a Senior Technical Manager with a comprehensive background in telecommunications aligned with ITIL standards. Proficient in strategic consultation, IoT product support, RF product training, and the delivery of technical solutions while adhering to ITIL best practices. Demonstrated expertise in optimizing network performance, enhancing the user experience, and providing sustainable solutions. Exceptional leadership and mentoring skills, substantiated by a successful history of resource coordination and outcomes delivery. In-depth experience accrued at prestigious organizations, including Ericsson, Nokia, Huawei, and ZTE.

Project Experience

FET 5G Opti, Taiwan
Role: RF Consultant
Duration: May 2021 - Oct 2022

FET 4G Optimization, Taiwan
Role: RF Engineer
Duration: Oct 2015 - Oct 2017

FET UMTS Rollout, Taiwan
Role: RF and RAN Engineer
Duration: Nov 2013 - Oct 2014

Umobile project, Malaysia
Role: UMTS RAN Engineer
Duration:
Nov 2010 - Dec 2010,
Jul 2011 - Sep 2011

Vinaphone project, Vietnam
Role: UMTS RAN Engineer
Duration: Aug 2010 - Nov 2010

National Centre High-Performance Computing , Taiwan
Role: 5G & IOT Consultant
Duration: Jun 2023 - Present

TSTAR 5G Rollout, Taiwan
Role: Regional Team Leader
Duration: Oct 2017 - May 2021

AIS UMTS Rollout, Thailand
Role: RF Engineer
Duration: Oct 2014 - Sept 2015

Truemove project, Thailand
Role: RAN Engineer
Duration: Sept 2011 - Sept 2013

VIBO project, Taiwan
Role: UMTS RAN Engineer
Duration: Dec 2010 - Jul 2011

Maxis Communications Bhd, Malaysia
Role: RAN Engineer
Duration: Aug 2008 - Aug 2010

Education

(August 2008)
Bachelor Of Engineering, Electric and Computer Engineering
Graduated with *Honours*
UNIVERSITY MALAYSIA of SARAWAK
– MALAYSIA

Certifications

CCNA
Cisco Networking Academy
Issued May 2008

RAN Field Maintenance
Ericsson
Issued Oct 2008

Certified IP Engineer
Orbitage
Issued May 2010

Certified IP Associate
Orbitage
Issued April 2010

Azure Data Fundamentals
Microsoft
Issued February 2023

Azure AI Fundamentals
Microsoft
Issued May 2023

Azure Fundamentals
Microsoft
Issued May 2023

Professional Experience

SENIOR TECHNICAL MANAGER
ASKEY COMPUTER CORP – Taipei, Taiwan
JAN 2023 – Present

Strategic Consultation:

- Provide consultation services for organizations and corporations.
- Develop and implement strategies to maximize business results.
- Identify opportunities to reduce operational expenses (OpEx) and capital expenses (CapEx) while maintaining or improving performance and quality.

IoT Product Support:

- Perform, coordinate, and provide technical support for Internet of Things (IoT) product initiatives.
- Collaborate with cross-functional teams to ensure the successful development and deployment of IoT solutions.

RF Product Training:

- Conduct RF product training sessions for customers and department team.
- Provide training for local subcontractors, empowering them with the knowledge and skills needed for effective RF product utilization.

RADIO NETWORK CONSULTANT
ERICSSON – Kaohsiung, Taiwan
MAY 2021 – NOV 2022

Network Sustainment and Accessibility:

- Provided consultation support to customers to maintain network retainability and accessibility.
- Offered solutions to address network challenges and improve the overall user experience.

AI Collaboration:

- Collaborated with the AI team to automate RF optimization processes.
- Offered guidance and RF optimization solutions to enhance AI-driven problem-solving capabilities.

Benchmark Analysis and Improvement:

- Conducted benchmark analysis to assess network performance.
- Drafted network improvement plans based on benchmark findings, striving for continuous enhancement.

5G Optimization:

- Provided support for 5G NSA (Non-Standalone) and SA (Standalone) network optimization.
- Ensured optimal performance and quality of service for 5G deployments.

Multilingual

Language	Proficiency
English	●●●●●●
Malay	●●●●●●
Chinese	●●●●●●
Japanese	●●●●○○

REGIONAL RF TEAM LEADER
OCT 2017 − APR 2021
NOKIA – Kaohsiung, Taiwan

Regional RF Resource Coordination:

- Coordinate regional RF resources for network planning and optimization activities.
- Ensure the allocation of resources to meet project timelines and objectives.

Mentoring and Guidance:

- Provide guidance and mentoring to the Drive Test (DT) analyst team.
- Foster professional development and technical expertise within the team.

Site Rollout Support:

- Lead support efforts for new site rollouts.
- Coordinate troubleshooting teams to resolve technical issues swiftly.

Customer Support:

- Offer first-level technical solutions to address customer inquiries and concerns.
- Collaborate with regional leaders to ensure sustainable solutions that meet customer expectations.
- Offer suggestions and solutions for network optimization during mass events.
- Ensure network performance meets the increased demand during special events.

Support regional trials of new features and technologies:

- Provide consultation to regional customers on the adoption of new features.
- Coordinate and provide technical support for high-speed rail feature trials and optimizations.
- Review and optimize network performance for metro rail transit systems.

RF ENGINEER
OCT 2015 − OCT 2017
UCL INTERNATIONAL – Kaohsiung, Taiwan

Multivendor Project at Far East Tone, Taiwan

Network Optimization:

- Fine-tuned LTE Ericsson ANR algorithms and performed intra LTE mobility and SRVCC audits.
- Tested and rolled out LTE Ericsson and 3G Huawei features.
- Optimized KPIs in 3G Huawei and 4G Ericsson OSS.
- Conducted single-site optimization and network parameter audits.

Strategy and Analysis:

- Proposed network strategies and optimization solutions based on existing conditions.
- Addressed day-to-day network alarms, KPI troubleshooting, and drive test analysis.
- Planned new network sites for coverage improvement.
- Offered consultation on KPI enhancement.

GSRC RADIO NETWORK ENGINEER
HUAWEI – KL, Malaysia

OCT 2013
− OCT 2015

- Provided customer support for new RF features, ensuring their successful adoption and utilization.
- Managed Interoperability Testing (IOT) and Field Network Integration (FNI) for RAN15 RF features, ensuring seamless execution.
- Enhanced network performance by optimizing RF features, identifying and resolving issues such as weak cells, co-scrambling, and drop calls.
- Ensured RF parameter consistency while assisting with Radio Network Controller (RNC) Quality of Service (QOS) for PS traffic.
- Developed lasting solutions to improve KPIs and network performance while handling RNC/NodeB equipment installation, commissioning, and maintenance.
- Managed RNC R15 software upgrades and conducted Interoperability Testing (IOT) for RAN15 RF features.
- Offered expert guidance to customers on product functionalities and RF-related issues while coordinating network rollouts for efficiency and optimal outcomes.

GTS RADIO NETWORK ENGINEER
ZTE – KL, Malaysia

AUG 2010
− SEP 2013

- Managed the coordination of subcontractors involved in RAN equipment installation.
- Oversaw on-site troubleshooting activities, including nodeB, transmission, antenna, and external alarm issues, ensuring efficient resolution.
- Played a role in performing, coordinating, and providing support for product Interoperability Testing (IOT).
- Assisted project managers in the Product Acceptance Check (PAC) and Final Acceptance Check (FAC) processes.
- Delivered RAN product training to both customers and local engineers, enhancing their understanding of the products.
- Coordinated and supported the RF drive test team during site acceptance tests.