O-RAN ARCHITECTURE AND SPECIFICATIONS

SKILLS LIST	Chris	Edward	Katarina	Samuel	William
MAC protocol	Orange	Orange	Orange	Yellow	Orange
PHY (Physical layer) protocol	Orange	Orange	Red	Yellow	Orange
RLC (Radio Link Control)	Orange	Red	Orange	Yellow	Orange
Interface Protocols	Red	Red	Orange	Red	Red
Near-RT and non-RT Radio	Red	Red	Orange	Yellow	Red

4G/5G/LTE TECHNOLOGIES AND STANDARDS

SKILLS LIST	Chris	Edward	Katarina	Samuel	William
Network Function Virtualization	Orange	Orange	Orange	Orange	Orange
NGAP and S1AP Protocols	Red	Orange	Orange	Orange	Red
Manage/configure RAN	Red	Orange	Red	Orange	Red
5G functional splits	Red	Orange	Orange	Red	Red
Wireless propagation models	Orange	Orange	Orange	Orange	Orange
Packet Data Convergence	Orange	Red	Orange	Orange	Orange
Radio Resource Control	Red	Red	Orange	Red	Red
Stream Control Transmission	Red	Red	Red	Red	Red
GPRS Tunnelling Protocol	Red	Red	Red	Red	Red

OPERATING SYSTEM KNOWLEDGE

SKILLS LIST	Chris	Edward	Katarina	Samuel	William
Linux/Ubuntu 22.04	Green	Green	Yellow	Green	Yellow
Windows/OSX	Green	Green	Green	Green	Green
Hypervisors	Yellow	Green	Yellow	Green	Yellow
Virtual Machines	Yellow	Green	Yellow	Green	Yellow
Containerization technologies	Orange	Green	Orange	Green	Orange
Dual boot configuration	Red	Green	Yellow	Green	Orange
IDE familiarity	Yellow	Yellow	Green	Green	Yellow
Shell scripting	Yellow	Orange	Yellow	Green	Yellow
Automation Tools	Orange	Orange	Yellow	Yellow	Orange

NETWORK PROTOCOLS AND CONCEPTS

SKILLS LIST	Chris	Edward	Katarina	Samuel	William
TCP	Yellow	Orange	Green	Yellow	Yellow
UDP	Yellow	Orange	Green	Yellow	Yellow
IP	Yellow	Yellow	Green	Yellow	Yellow
IP routing	Yellow	Yellow	Green	Yellow	Yellow
VLANs	Yellow	Yellow	Green	Yellow	Yellow
Subnetting	Yellow	Yellow	Green	Yellow	Yellow
QoS	Orange	Orange	Yellow	Yellow	Orange
SSL/TLS	Yellow	Orange	Yellow	Yellow	Yellow
Ethernet	Yellow	Yellow	Yellow	Yellow	Yellow
DHCP	Yellow	Yellow	Green	Yellow	Yellow
DNS	Yellow	Yellow	Green	Yellow	Yellow
SNMP	Orange	Orange	Yellow	Yellow	Orange
SFTP/FTP	Yellow	Yellow	Yellow	Yellow	Yellow
TCP/IP and OSI Protocol Suite	Orange	Orange	Green	Yellow	Yellow
IPsec	Yellow	Yellow	Yellow	Yellow	Yellow
Advanced Encryption Protocols	Orange	Orange	Yellow	Yellow	Orange
Software Defined Networking	Orange	Orange	Orange	Orange	Orange

SOFT SKILLS

SKILLS LIST	Chris	Edward	Katarina	Samuel	William
Comprehensive Documentation	Green	Yellow	Green	Green	Yellow
Technical writing skills	Green	Green	Green	Green	Yellow
Document design/outlining	Green	Green	Green	Green	Green
Create and modify test plans	Green	Orange	Orange	Green	Yellow
Collaboration/teamwork	Green	Green	Green	Green	Green
Knowledge of ITPM principles	Orange	Yellow	Yellow	Yellow	Yellow