

UVRK CHAITANYA

SENIOR NETWORK ENGINEER · RAN INTEGRATION · AUTOMATION · TELECOM OPERATIONS

Senior Engineering professional with **18+ years** of hands-on expertise across multi-technology mobile networks (4G LTE, 5G NR, WCDMA, GSM), telecom workflow automation, and practical Generative AI integration. Specialized in end-to-end RAN integration, carrier migration, high-impact VBA/RPA/SSIS tool development, and AI-accelerated telemetry analysis for Tier-1 global telecom operators.

✉ uvrkchaitanya@gmail.com [linkedin.com/in/uvrkchaitanya](https://www.linkedin.com/in/uvrkchaitanya) uvrk.in

📍 Hyderabad, India · Open to Relevant Opportunities

⚡ KEY IMPACT & DELIVERY METRICS

90–95% MANUAL EFFORT CUT Automated complex telecom configuration workflows, eliminating repetitive operational lag.	~10X Speedup SCRIPT GENERATION Reduced script preparation from 60–90 min down to 5–10 min using deterministic generators.	18+ Years TELECOM EXPERIENCE Carrier-grade delivery across 2 major global environments (Ericsson, Huawei) & multi-vendor networks.	4 Global Markets INTERNATIONAL DELIVERY Active delivery exposure across Mongolia, Italy, Sri Lanka, and South Africa telecom operators.
---	---	--	---

⚙️ ENGINEERING EVOLUTION · FROM CIRCUITS TO INTELLIGENT SYSTEMS

FOUNDATION Electronics & Comm. Rigorous hardware & signal propagation engineering basis.	NETWORKS RAN Engineering 4G/5G deployment, commissioning & complex multi-vendor ops.	OPERATIONS Global Delivery International multi-operator network programs & governance.	AUTOMATION Workflow Systems VBA, RPA, scripting & SSIS converting manual steps into code.	INTELLIGENCE Generative AI AI-assisted telemetry analytics, document intelligence & MOPs.
--	--	--	---	---

🏢 CORE DOMAIN EXPERTISE & TECHNICAL CAPABILITIES

RAN RAN ARCHITECTURE & DEPLOYMENT End-to-end 4G/5G deployment, multi-vendor node commissioning, frequency refarming, massive MIMO & carrier aggregation. 5G NR / 4G LTE Single RAN Massive MIMO Basebands (BB5216/6630) Ericsson ENM / OSS-RC WCDMA / GSM Beamforming Parameter Tuning	AUTO TELECOM AUTOMATION SYSTEMS Engineering automation suites eliminating repetitive tasks, executing validation checks, and accelerating delivery cycles. Excel VBA Engine Suites RPA (UiPath / Blue Prism) SSIS ETL Pipelines Python Automation CLI Script Generators Power BI Dashboards MOP Automation
OPS NETWORK OPERATIONS & DELIVERY Tier-3 technical troubleshooting, shared-RAN (LiR) operations, migration cutovers, and mission-critical change governance. L3 Escalation Support Shared RAN (LiR) ATM-to-IP Migration Rehoming & Upgrades PCI / Neighbor Planning HLD / LLD Documentation Quality Governance	AI AI-ASSISTED ENGINEERING WORKFLOWS Applying LLMs and prompt engineering to extract telemetry insights, automate technical MOPs, and optimize beamforming KPIs. Certified GenAI Practitioner Prompt Engineering RAN Telemetry Analysis Document Intelligence Knowledge Extraction LLM KPI Optimization AI + RPA Systems

Ericsson India Global Services Private Limited
Senior Network Engineer — RAN Integration & Automation

2012 — PRESENT (CURRENT)

Leading end-to-end RAN engineering, technical integration, and automation strategy across international 4G/5G deployment programs and global telecom delivery centers.

- **RAN Integration & Upgrades:** Delivered end-to-end deployment, commissioning, integration, and software upgrades for Ericsson Basebands (BB5216/6630) and multi-standard radio nodes across Tier-1 operator networks.
- **Automation Architecture:** Designed and deployed custom Excel VBA automation suites, RPA bots (UiPath/Blue Prism), and SSIS data integration pipelines, slashing manual configuration effort by **90–95%**.
- **Script Generation Acceleration:** Engineered deterministic script generators that shrunk site preparation time from **60–90 minutes to under 10 minutes** per node with zero syntax defect rates.
- **Applied Generative AI:** Implemented AI-assisted workflows for technical document intelligence, telemetry data extraction, and rapid MOP generation, significantly enhancing team throughput.
- **Multi-Market Leadership:** Coordinated cross-functional engineering teams across diverse international customer programs, driving operational compliance, audit readiness, and zero-downtime execution.

5G NR / 4G LTE Ericsson Basebands ENM / OSS-RC VBA Automation SSIS RPA MOP Generation GenAI Workflows

Huawei Telecommunications India Pvt. Ltd.
GSRC / L3 Engineer, AP Circle

2008 — 2012 (4 YEARS)

Engineered GSM and WCDMA network deployments, large-scale migrations, and Level-3 escalation support across regional carrier networks.

- **Network Migration & Rehomings:** Orchestrated large-scale BSC/RNC rehomings, ATM-to-IP transport migration, and frequency refarming projects with seamless cutover execution.
- **Level-3 Troubleshooting:** Resolved complex multi-technology network anomalies, KPI degradations, and configuration discrepancies across regional operations.
- **Deployment Standardization:** Authored standard operating procedures, configuration templates, and validation scripts that streamlined multi-vendor equipment handovers.

GSM / WCDMA ATM-to-IP Rehoming L3 Escalations BSC / RNC Frequency Refarming

🎓 CREDENTIALS & EDUCATION

Ericsson Generative AI Driver's License

Official Ericsson Credential · Valid 2026–2028

VERIFIED

Introduction to Generative AI

Google Cloud / Coursera · Completed May 2024

CERTIFIED

B.E. — Electronics & Communication Engineering

Thandra Paparaya Inst. of Science & Tech. · 2002–2006

DEGREE

🏆 RECOGNITION & GLOBAL DELIVERY

Star of the Month (Feb 2015 & Nov 2016)

Ericsson Award

Rockstar POWER Award (Q3 2018)

Leadership Excellence

Delivery Excellence / PAT Award

Quality Delivery

International Delivery Exposure:

Unitel (Mongolia) · Vodafone (Italy) · Airtel (Sri Lanka) · MTN (S. Africa)