

HEMENDRA KR SHARMA

Data Science & Telecom Professional



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ABOUT ME

Having 15 plus years of multifaceted experience in solving customer problems and delivering solutions using modern technologies such as web development, data science, machine learning, and telecom (2G, 3G, LTE). Skilled in pre-sales support, POCs, product demos, and deployment of Web, Data Science, and Telecom IP-based core packet switch solutions across various countries.

EDUCATION

AMITY UNIVERSITY

Master of Computer Application

IIT ROPAR

PG Certification in AIDL

IIT MADRAS

Diploma in Programming , Data Science

2022 - 2025

BS degree in Data Science

2025 - In progress

WORK EXPERIENCE

● Data Analysis, Open Data Initiative - Freelance

2025

Analyzed over 1 TB of open-source data-set to identify key trends and patterns. Employed statistical methods to clean and prepare data. Performing exploratory data analysis. Building ML models for regression and classification. Hyper parameter tuning to find best models. Collaborated with cross-function groups to align data analysis outcome with organizational goals, resulting in optimized data resources

● Starsolution int Inc - Senior Technical Consultant

2020-NOW

Pre-sales technical support, POCs, and conducting product demos, Leading small projects, providing high quality value adding solutions to the enterprise customers. Helping in preparing RFP responses in coordination with sales team for the potential customers. Product deployment and acceptance.

● Starsolution & Telcomm Pvt Ltd - Technical Manager

2009-2020

Pre-sales trials, product demos and POCs of CDMA, GSM and LTE technologies. L2 level support and product deployment of LTE , GSM and CDMA. Management of network monitoring center(NOC). KPI analysis , prioritizing incident response, escalation and remediation. Communicate with key stakeholders to update and ensure incident is resolved to meet the SLA requirement.

Prestel Nigeria - Manager O&M

2003-2009

Managing O&M day to day activity for the cellular telecom network. Planning and deployment of cellular network, based on CDMA technology for voice and data services. Administration and configuration of CISCO routers, switches PIX,ASA firewalls for NAT,PAT, VPN and Routings. Implementation of different Bandwidth optimization techniques for the CDMA access network backhauling over VSAT (like Packet bundling, and RTP compression)

Shyam Telecom Ltd- Sr. Engineer

1999-2003

Installation& commissioning of TDMA based WLL Switch. PSTN configuration for R2MF and V5.2 Interfaces. RAS and RADIUS Server Configuration for dialup Internet Services in TDMA WLL switch. Configuration for Billing and backup Cycles for TDMA WLL Switch. Configuration and troubleshooting of Linux based TDMA WLL Switch.

SKILL

- Full Stack Developer
- Python, Java, VueX, RESTful API
- SQL, MySQL, SQLite
- Linux, shell Scripting
- Data Analysis, Statistical Modeling
- CCNP, Routing & Switching
- Telecom project management

LINKS

- <https://github.com/22f2000984>
- <https://www.linkedin.com/in/hemendra-kumar-sharma-19124b1a/>
- <https://www.kaggle.com/code/hemendrakumarsharma/22f2000984-notebook-t32025>
- https://drive.google.com/drive/folders/17Uqlx_VFPrZMvLluLiuAckMc70upeqTv?usp=sharing

ACHIEVEMENT

KAGGLE AWARD

Best ML Model - 2025

Kaggle competition on developing best model for classification and regression problems

ACADEMIC AWARD

Best Scores - 2024

Best score achieved in machine learning techniques for data science