

ANURAG BHANDARI

DATA ENGINEER & ANALYST

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EDUCATION

B.E., Electronics & Communication Engineering
Kantipur Engineering College (Tribhuvan University)
Dhapakhel, Lalitpur | 2014 – 2018

Higher Secondary Education
Little Angels College
Hattiban, Lalitpur | 2013

School Leaving Certificate
Pushpasadan Boarding Higher Secondary School
Kirtipur, Kathmandu | 2011

TECHNICAL SKILLS

- Electronics circuits & integrated circuit design
- Telecommunications
- Mobile technology
- Microprocessor & controller design and analysis
- Network optimization — GSM, WCDMA, LTE parameter analysis
- Optimization of 2G/3G networks for quality assurance

RELATED EXPERIENCE

- Trained in analog modelling and simulation tools
- Trained in electronics and embedded systems architecture design
- Developed, designed, and tested electronics components and products
- Circuit design, PCB design, and assembly/integration of sensors and electronic components
- Programming languages: C, C++, Python
- MS Office — Word, Excel, PowerPoint
- LaTeX and SPSS

TRAINING & PARTICIPATION

- Cisco Certified Network Associate (CCNA) — Broadway Infosys (2018)
- Base Transceiver Station (BTS) training — G Engineering Solution Pvt. Ltd. (2018)
- Raspberry Pi, Arduino, Basic Electronics & AVR Microcontroller training (multiple sessions, undergraduate studies)

LANGUAGES

English · Nepali · Hindi

OBJECTIVE

Data Engineer and Analyst with hands-on experience in telecom and analytics at Ncell, Huawei, and Vianet. Skilled in SQL, PostgreSQL, and Python for ETL, automation, and advanced analytics. Proficient in Excel dashboards, web scraping, and network performance analysis across 2G/3G/4G/5G. Known for transforming complex datasets into clear insights, streamlining workflows, and driving smarter business decisions.

WORK EXPERIENCE

Founder & Project Manager — Veda Byte Solutions

2025 – PRESENT

- Founded Veda Byte Solutions in 2025, an IT solutions company delivering website development, maintenance, and custom software services to clients.
- Work as Project Manager overseeing end-to-end delivery of client websites — from requirement gathering and planning through development, deployment, and ongoing maintenance.
- Lead and coordinate a cross-functional team spanning engineering, design, and QA, assigning work and keeping projects on schedule and within scope.
- Take ownership of projects across varied technical domains, adapting quickly to new requirements and ensuring reliable delivery regardless of project type.
- Manage client communication and expectations throughout the project lifecycle, from initial scoping to launch and post-launch support.

Data Analyst — Ncell, Lainchour

2023 – 2025

- Worked with databases to extract, clean, and analyze data using Python and SQL for business insights.
- Analyzed key performance metrics with PostgreSQL and Python, supporting strategic and operational decisions.
- Designed and automated Excel templates and dashboards to enhance data reporting efficiency.
- Conducted web scraping to gather external market and competitor data.
- Supported business model optimization through data-driven analysis and reporting.
- Utilized BDA as a data source for business intelligence and reporting.
- Developed and automated Tableau dashboards for performance tracking and strategic insights.
- Collaborated with data scientists on 4G data traffic prediction models to enhance network planning.
- Supported the Business & Strategy team in data-driven decision-making and forecasting.

RNO Engineer — Huawei Technologies Co., Ltd., Lalitpur

2022 – 2023

- Managed new site integration and on-air activities, ensuring smooth network deployment and optimization.
- Performed radio network optimization (RNO) and troubleshooting to maintain high service quality.
- Collaborated with cross-functional teams on network planning, testing, and performance improvement.
- Monitored KPIs and network parameters to enhance overall system efficiency and coverage.

DT Engineer — Nepal Doorsanchar Company Limited, Babarmahal

2021 – 2022

- Conducted 2G/3G/4G network drive tests to analyze coverage, signal quality, and overall performance.
- Tested 5G service for the first time in Nepal, collecting and analyzing performance metrics for pilot rollout.
- Utilized tools like Wins Cloud (3G) and OMStar (2G) for precise data collection and network evaluation.
- Collaborated with optimization teams to troubleshoot issues and enhance network KPIs.
- Prepared detailed drive test reports and performance summaries, supporting strategic network improvements.

Network Engineer — Vianet Telecommunication, Jawalakhel, Lalitpur

2018 – 2019

- Assisted in VLAN configuration and segmentation for efficient network traffic management.
- Supported PPPoE setup and authentication for customer connections.
- Configured and tested routers, switches, and access points for client installations.
- Helped maintain and troubleshoot fiber and wireless network links.
- Monitored network uptime, performed basic diagnostics, and reported link issues.
- Worked on bandwidth allocation, IP assignment, and router performance optimization.
- Documented network setups, configurations, and service activations using Excel/SQL.
- Collaborated with the technical team for network expansion and customer service support.