

BINOD B K

Scarborough, Ontario
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[Github](#) | [Website](#)

OBJECTIVE:

Motivated IT professional and Cloud Computing student with a strong foundation in programming, cloud infrastructure, data systems, and software development. Experienced in building, deploying, and supporting technology solutions using modern tools and cloud platforms. Passionate about solving real-world problems through technology, continuously learning emerging IT practices, and contributing effectively to dynamic technical teams. Seeking opportunities to apply technical, analytical, and problem-solving skills across diverse IT roles including cloud computing, software development, data analytics, and system support.

HIGHLIGHTS OF QUALIFICATIONS:

- Hands-on experience deploying and managing cloud infrastructure using Microsoft Azure and AWS, including virtual machines, storage, and networking.
- Strong background in data analytics, machine learning, and big data processing, with experience transforming raw data into actionable insights.
- Proficient in Python and SQL for data analysis, automation, and backend processing in cloud environments.
- Experience working with Linux (Ubuntu Server), SSH, and command-line tools for cloud administration and data workloads.
- Knowledge of cloud security, networking fundamentals, and best practices for scalable and secure system design.
- Experience building data visualizations and dashboards using Tableau and Power BI to support business decision-making.
- Strong analytical, problem-solving, and communication skills with the ability to explain technical concepts to both technical and non-technical stakeholders.
- Proven ability to adapt quickly, learn new technologies, and contribute effectively in collaborative, project-driven environments.

TECHNICAL SKILLS:

- **Programming Languages:** Python, SQL, PHP, JavaScript, Java
- **Cloud Computing & Infrastructure:** Microsoft Azure (Virtual Machines, Storage, Networking), AWS (EC2 fundamentals), Cloud Service Models (IaaS, PaaS, SaaS), Virtualization
- **Operating Systems & Tools:** Linux (Ubuntu Server), Windows, SSH, WSL (Windows Subsystem for Linux), WinSCP
- **Data Science & Machine Learning:** Scikit-learn, Regression Models, Feature Engineering, Model Optimization, Neural Networks, Deep Learning (Foundational)
- **Big Data & Data Engineering:** Hadoop, Hive, MongoDB, Data Lakes, ETL Concepts, Distributed Data Processing
- **Data Management & Analytics:** Data Profiling, Data Cleaning, Data Origin & Lineage, Data Transformation
- **Data Visualization:** Tableau, Power BI, Digital Dashboards, Visual Modeling, Visual Analytics
- **Databases:** MySQL, MongoDB, SQL-based Databases
- **Networking & Security:** TCP/IP, DNS, Subnetting, Firewalls, Cloud Security Fundamentals, Identity & Access Management (IAM – Basics)
- **Tools & Version Control:** Git, GitHub, RESTful APIs, Microsoft Office Suite

EDUCATION:

Cloud Computing Technologies **2025 - Present**

George Brown College, Toronto, ON

- Currently pursuing Cloud Computing Technologies at George Brown College, gaining hands-on exposure to cloud platforms and infrastructure.
- Learning core concepts in cloud services, networking, virtualization, and security fundamentals.

Applied A.I. Solutions Development **2024 - 2025**

George Brown College, Toronto, ON | **CGPA: 3.74**

- Learned machine learning algorithms, big data technologies, and data management principles.
- Developed data visualization skills using Python and Tableau for insightful analytics.

Bachelor's in Computer Application **2018 - 2022**

Tribhuvan University, Kathmandu, Nepal | **CGPA: 3.48**

- Acquired proficiency in multiple programming languages: C, Java, PHP, JavaScript, and Python.
- Studied data structures and algorithms, focusing on problem-solving and computational efficiency.
- Explored network security, database management, and systems programming to build secure and scalable applications.

CERTIFICATIONS:

- Data Science Specialization– IBM (2025)
- Python Programming Certification – Asian School of Management and Technology (2020)
- Enterprise Design Thinking Practitioner – IBM (2024)
- Computer Security and Systems Management – University of Colorado (2025)
- Github Foundations Certification (2025)

PROFESSIONAL EXPERIENCE:

Junior Data Analyst **March 2023 to April 2024**

Nepalairlink Private Limited, Kathmandu, Nepal

- Analyzed customer usage data using Python and SQL to support business decisions.
- Developed Tableau dashboards showcasing customer trends and performance metrics.
- Automated report generation processes, improving operational efficiency.
- Applied predictive analytics for user churn prediction and retention planning.
- Monitored real-time network data to ensure optimal performance.

Full-Stack Developer **April 2021 to March 2023**

Doppler Trade Private Limited, Kathmandu, Nepal

- Designed and deployed a custom billing system with wallet integration.
- Developed APIs for seamless communication with Mikrotik Routers.
- Created CRM systems and web-based hotel management platforms.
- Implemented scalable, user-centric solutions using PHP and JavaScript.

PROJECTS:

- Movie Recommendation System (Machine Learning Algorithms)
- NYC Yellow Taxi Analysis (Tableau, PowerBI)
- Vegetable and Fruits Detection System (Deep Learning Algorithms)
- News Article Summarization (Python, Machine Learning Algorithms)
- Book Rental System (Web Application)
- Django Learning Log (Web Application)
- LLMs – You Can't Please Them All (Kaggle Competition)