

# Vikas Yadav

## Computer Science Engineer

**Address:** Sydney, Nova Scotia

**Contact No.:** +1 902 979 1865

**Email:** [vikas1049@gmail.com](mailto:vikas1049@gmail.com)

**Availability:** Full time (on Post Graduation Work Permit)

**LinkedIn:** [www.linkedin.com/in/vikas1049](https://www.linkedin.com/in/vikas1049)

**Website:** <https://vikas1049/terminal-resume/>

## Career Objective

Computer Science Engineer with hands-on experience in Linux system administration, Python-based data extraction, and technical support in virtual learning environments. Seeking a challenging IT role where I can ensure system reliability, streamline processes, and continue advancing my skills in cloud technologies

## Skills:

### 1. Data Visualization Tools:

- Power BI
- Tableau

### 2. Database Management Systems:

- MySQL
- Oracle
- RDBMS

### 3. Programming Languages:

- Python C++ (OOP)
- C JavaScript

### 4. Operating Systems:

- Linux (including distributions such as CentOS and RedHat)
- Windows & MacOS

### 5. Cloud Computing Platforms:

- Amazon Workspace
- Microsoft Azure & Windows Server Administration

## Work Experience

### Part-Time Student Facilitator

Jun-2023 – April-2025

Cape Breton University (Sydney, NS, Canada)

- Provided timely technical support to students and faculty, troubleshooting software and connectivity issues during online classes conducted via Microsoft Teams.
- Assisted faculty with setup and configuration of video-conferencing tools, resolving audio and video equipment issues to maintain smooth virtual class sessions.
- Monitored student engagement and proactively offered support, ensuring minimal disruption to online lectures.
- Proctored online exams, demonstrating attention to detail, reliability, and ability to maintain academic integrity standards.

### Data Entry, Analysis and Programming Assistant

Nov-2023 – Apr-2024

Cape Breton University (Sydney, NS, Canada)

- Proficiently applied pyesseract, pandas and OpenCV technologies to extract and analyze data from historical statistical reports, enhancing the efficiency of data entry tasks.
- Optical character recognition (OCR) and text data analysis were performed using Python programming skills, enabling precise data extraction and analysis.
- Actively used technology to ensure effective information handling by streamlining data entry processes using Python-based OCR and text analysis tools.
- Received the Undergraduate Student Scholar Award (USSA).

### Project Engineer

Mar-2021 – Mar-2023

Wipro Limited (India) (a global IT-services & consulting firm) <https://www.wipro.com/>

- Worked for 2 years on 3 different technologies for 3 project clients.
- Tasks involved working on a variety of programming contexts, creating, optimizing, and debugging software applications using languages including Python, SQL, and PowerShell.
- Also learned excellent problem-solving skills, exacting attention to detail when debugging technical problems, and good communication talents to promote a cooperative team atmosphere.

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## Education

### Cape Breton University, Sydney, NS (Canada)

May-2023 – Apr-2025

Post Baccalaureate Diploma in Business Analytics

- Received the Undergraduate Student Scholar Award (USSA) 2024.

### Guru Gobind Singh Indraprastha University (New Delhi, India)

Aug-2016 – Nov-2020

Bachelor of Technology (Computer Science Engineering)

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## Projects:

### Linux Administrator

Aug-2022 – Mar-2023

Client Name: Agriculture Insurance Company of India Ltd.

- Created and maintained over 200 user IDs, ensuring efficient access control across systems.
- Implemented database backup procedures, reducing data recovery time by 20% and enhancing data protection against system failures.
- Used RHEL for semi-automated running task for 24X7 functioning of every server.
- Provided expert application support across multiple operating systems (RedHat, Solaris, CentOS) resolving an average of 15 technical issues per week to maintain optimal operational efficiency.
- Performed disaster recovery activities using IBM Resiliency Orchestration.

### Software Developer

Nov-2021 – Aug-2023

Client Name: Alight Solutions

- Successfully executed migration tasks from Lotus Notes Database (LNDB) to SharePoint using the Quest Tool, completing the project three months before expected deadline, while maintaining a seamless transition of critical data and minimizing disruption to business operations.
- Demonstrated proficiency in database management by creating views, handling database migration, and executing PowerShell scripts, contributing to a 20% improvement in data organization and accessibility.

### User Support

May-2021 – Oct-2021

Client Name: State Street

- Configured and maintained storage systems, collaborating on WSO, Microsoft SQL, and ServiceNow projects to enhance financial software solutions.
- Managed ServiceNow, SECYield, and Oracle databases, ensuring data integrity, efficient retrieval, and robust security and backups.
- Handled P1 to P3 tickets, resolving issues for clients and the application team, ensuring uninterrupted operations and high customer satisfaction.
- Conducted thorough testing and validation of software functionality, diagnosing and resolving technical issues to ensure reliable financial programs.

### Training Period

Mar-2021 – May-2021

- Trained on Core Java, PLSQL and DataStage L1.
  - Completed certification in ITIL 4.
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## Certifications:

### Python - Cetpa Infotech (NOIDA, India)

Jun-2018 (8 weeks)

Python Programming (Database connectivity, file handling, etc.) and GUI programming using Tkinter.

Worked with various libraries like NumPy, OpenCV, pandas etc.

### Cloud Computing – Tech Explica South Extension Part 1 (New Delhi, India)

Jun-2017 (8 weeks)

Good Knowledge of Cloud Computing (Microsoft Azure, VMware ESX, Microsoft Server)

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