Vikas Yadav

Computer Science Engineer

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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

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Work Experience

Part-Time Student Facilitator   **Jun-2023 – Present**

Cape Breton University (Sydney, NS, Canada)

- Assisting students with troubleshooting issues during an online class on Teams.
- Offering technical assistance to students during virtual sessions.
- Tracking student involvement and offering support when required.
- Exam proctoring and invigilation.

Data Entry, Analysis and Programming Assistant   **Nov-2023 – Apr-2024**

Cape Breton University (Sydney, NS, Canada)

- Proficiently applied pytesseract, 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)

- 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.

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.

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)

Skills:

1. Data Visualization Tools:
- Power BI
- Tableau

2. Database Management Systems:
- MySQL
- Oracle
- RDBMS

3. Programming Languages:
- Python
- C
- C++ (OOP)
- JavaScript
- R

4. Operating Systems:
- Linux (including distributions such as CentOS and RedHat)
- Windows & MacOS

5. Cloud Computing Platforms:
- Amazon Workspace
- Microsoft Azure & Windows Server Administrator

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)

(VIKAS YADAV)
26-May-2025