

Diwash Upreti

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Empowering organizations with a blend of technical skills in data analysis, software engineering and cloud computing. Cloud Computing for Big Data student, actively seeking co-op in data analytics, data engineering, to expand knowledge and experience that offers In-office, Remote or Hybrid work options.

Skills

Programming: Python, R, Pandas, NumPy, Matplotlib, React JS, Vue JS, PHP, Java, C#.

Database: SQL, MongoDB, SQL Server, Oracle Apex, PostgreSQL, MySQL, SAS.

Tools: AWS, Azure, Athena, Tableau, Power BI, MS Excel, GIT, Jira, ETLs, Linux, APIs, Docker, Open stack, Virtualization.

Soft Skills: Problem-solving, Analytic to detail, Goal oriented, Collaborative mindset, Passionate Learner, Strong Work Ethic, Verbal and Written communication skills, Organization Skills, Agile.

Education

Cloud Computing for Big Data – Lambton College, Toronto

Jan 2022 – Present

Bachelors in Computer Science (BSc Hons) - London Metropolitan University, UK

2017 – 2020

Work Experience

Data Engineer Intern

July 2021 – Dec 2021

BookTrades

Toronto

- Analyzed large data sets to conduct in-depth scenario analysis to evaluate customer churn patterns for 100+ cases and made valuable recommendations to expand business with detailed documentation of functional and technical specifications.
- Supported a team of data scientists by using Tableau to conduct data visualizations and analysis while accurately monitoring and storing data in accordance with data requirements, increasing team productivity by 30%.
- Improved data quality by performing data cleansing for large data sets using R and Pandas and keeping the team updated through series of presentations showing findings and analysis while working remotely.

Jr. Software Developer

Dec 2019 - Apr 2021

Level 9 Tech

Nepal

- Hands-on experience coding on React JS, Vue JS and Django python as well as development and version control tools like VS code, Postman, Redash, Netlify, GIT.
- Experienced in developing and managing web applications and participating in quality assurance while prioritizing and managing personal workload in an agile environment.
- Contributed in different CMS projects for clients and integrated different payment integration on multiple projects while managing number of interns and guiding their tasks on platforms like Jira Cloud and MS Team.

Data Specialist

May 2018 - May 2019

Cloud Factory

Nepal

- Collected and managed customer data on expense tracker project and ensured proper ETL process after performing data cleansing.
- Accomplished working under pressure to increase effectiveness and interventions by updating database of thousands of users.
- Promoted to team lead; in partnership with senior management, reorganized team production metrics leading to 10% boost in team productivity in Q1 2019.

Projects

- **Netflix Data Analytics** : The process of performing Netflix data analytics using Tableau involves several steps, including connecting to the Netflix dataset, preparing the data for analysis, creating visualizations to represent the data, discovering insights through interaction and analysis, creating a dashboard to summarize the key insights, and sharing the insights with stakeholders. ([View project](#)).
- **Customer Sales Analytics**: The project involves connection of database, using SQL queries to extract and manipulate data by aggregating its dimensions such as product, region, time and customer and calculating the measures using mathematical functions to calculate measures such as total sales, average sales price, number of orders. Later, creating an interactive dashboard with business problem oriented KPIs. ([View Project](#))
- **Influenza Data Analytics**: The process involves extraction of datasets from various sources and combining them into a single data source. The preprocessed data is then analyzed using various measures to uncover patterns, trends, and correlations. Finally, the insights are communicated through well-designed visualizations, ensuring accuracy and consistency in the analysis, leading to more meaningful insights and effective communication of the findings. ([View Project](#))
- **Movie Recommender Hybrid System**: This is a machine-learning project that uses collaborative filtering using sentiment analysis to predict customer patterns. Python is used to train and test the data and Django framework along with JavaScript is used for front-end user experience. ([View Project](#))

Certifications

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| • Google Data Analytics Certificate | October 2022 |
| • IBM Artificial Intelligence and Machine Learning Mastery Award | October 2019 |
| • IBM Artificial Intelligence Explore Award | June 2019 |