

Rajiv Luitel

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Qualification and Skills

- Highly conscientious, professional and motivated with profound knowledge and research expertise in **Data engineering**.
- Outstanding capabilities to automate applications and programs, debug complicated system errors and perform **cloud platform** deployment.
- Proficient in programming and scripting languages like Python, Pyspark, Java, NodeJs, SQL with **three years** of hands-on work experience in the relevant field.
- Experienced in managing Big Data platforms like AWS Redshift, AWS DataLake, Pyspark, Hadoop with successful deliverance of three effective big data solutions to **clients** in the UK, USA, and Finland.
- In-depth understanding of machine learning algorithms and statistics concepts for data science.
- Further transferable skills developed through academic involvement and employment include teamwork, communication and time management.

Education

Postgraduate in Artificial Intelligence and Machine Learning
Lambton College, Toronto, Canada

Jan 2021 - Present

Bachelor's in computer science (BSc Hons)
Islington College, Kathmandu, Nepal

Sept 2017 – July 2020

Employment History

Backend Developer

Dec 2020 – Jan 2022

Genese Software Solution – Nepal

- Designing, implementing, deploying, and maintaining the **data engineering** pipelines like optimizing the data warehouse and data lakes (AWS Athena, AWS Redshift), deploying applications on (docker, code deploy, fargate), and executing ETL (Extract Transform Load) scripts for big data in the cloud platform.
- Specialization in SQL and NoSQL databases while writing query optimization scripts, increasing the performance of the database warehouse by **five folds** compared to the traditional database.
- Promoted to the **application/ quantitative developer** for Cross River Bank (New Jersey, USA) within **six months** of joining the company where primary task included architect and developing code for advanced Proof of Concept for Cross River's data team.

contact person: vshetty@crossrivebank.com

Junior Full Stack Developer

Sept 2019 – Oct 2020

Innovate Nepal Group – Nepal

- Undertook a range of duties in managing the overall web development system, designing, and implementing complicated web applications (Angular Js and React) as well as optimizing database (My SQL), monitoring the performance of the servers, and creating REST APIs for the system using Java Spring.
- Experience in web designing, UI/UX, Database design and query optimization, creating versatile REST APIs
- Additional duties included understanding clients' needs and suggesting ideal server solutions, scalable and cost-effective.

contact person: prashant.kc@islingtoncollege.edu.np

Data Specialist

Feb 2017 – Aug 2018

Cloud Factory Sprout technology – Nepal

- Developing algorithms and testing tools to perform data wrangling and data filtering.
- Additional duties included performing Quality Checks on other employees' projects.
- Appointed as one of the team leaders and managed a team of 10 members.
- Experience in organization and scheduling team meetings.
- Competent to work with groups and communicate with the group members.

contact person: rama.shrestha@cloudfactory.com

Achievements

- First Prize in ING Group Hackathon, 2019 for the project "Jyoti" a prototype project designed to assist blind people by detecting an object in front of them and transcribing it into a voice.
- IBM Artificial Intelligence Explore Award – June 2019
- IBM Artificial Intelligence and Machine Learning Mastery Award – October 2019
- **Data Consultant** for Cross River Bank (New Jersey, USA) - August 2021