SONU ADHIKARI

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PROFESSIONAL EXPERIENCE

Software Engineer	*Dec 2020- present*

Cotiviti Nepal

Roles and Responsibilities:

1. **Application DBA**
   - Single-handedly responsible for solving around 400 tickets with client's need as an application DBA.
   - Change management, Query Optimisation, writing SQL Queries and scripts in T-SQL and PL/SQL.
2. **Data Engineering**
   - Hands-on knowledge on ETL(Extract, Transform, Load) process of data engineering where we obtain the data from various clients, transform them if needed and then Load the data into several databases and systems.

Dot Net Programmer/Data Officer	*March 2018- July2019*

Prime International Private Limited, Kathmandu, Nepal

Roles and Responsibilities:

- **MS SQL Database Management:** T-SQL, collecting, analyzing, refining and storing the relevant data from the Android Sales Application fed by around 200 sales officers in various locations all over Nepal.
- Data analysis of various sales reports and help generating necessary visualizations using MS-EXCEL
- Providing training on the mobile application to the sales officers
- **Dot Net Programming**: Understanding and Developing modules of MIS software of the company using C#, dot net technologies.

Zoho CRM Manager	

- Worked for https://www.royalrugs.nyc/ to help design the website and handle the CRM activities.

April 2018-June 2018

Internship[C# Developer]	*Dec 2017-Feb 2018*

SoAniTech, Manbhawan, Lalitpur

- Worked as a C# developer for an i-learning project in coordination with the largest publishing house of the country Ekta Books for developing a digital learning environment for those who aren't able to afford the course books.

EDUCATION

Bachelors in Computer Engineering(71.35%)	*2013-2017*

Kantipur Engineering College
Tribhuvan University, Nepal

Higher Secondary Education in Science/ Plus 2(73.3%)	*2010–2012*

National School of Sciences – NIST, Nepal

ACADEMIC PROJECTS

DATA ANALYZER*[Frequent item set mining using Apriori Algorithm]* [B.E. Research
Project]

- A research- based project to support decision making in retail stores. Association Rule Mining, particularly, Apriori Algorithm was used and graphical reports of the products were generated.

EASY SHOP*[BE Minor Project]*

- An E-commerce site developed using PHP and MySQL. It was an attempt to develop a recommender system using collaborative filtering approach.

CURRENCY CALCULATOR:
A simple C++ project for currency calculation based on current exchange rates.

EXTRACURRICULAR ACTIVITIES

- Actively participated in 3rd National workshop on Machine Learning and Data Science 2020.
- Honing my skills as a writer by blogging and sharing my knowledge at http://thelimitlesshorizon.com/
- Volunteered at the LITE Technical Exhibition conducted by Kantipur Engineering College which is one of the very few technological festival taking place in the country.
- Member of Nepal Engineering Council
- Member of Rotaract Club since 2018 which is responsible for carrying out various community services and leadership skills.
- Contributed to an initiative to build a swab collection booth for COVID-19 in Sindhuli district hospital coordinating with the fellow engineers of the district.

HONORS/AWARDS

- Nepal Government Scholarship Grant for Undergraduate study worth NRs.200,000.
- Semester Scholarship for excellent performance in final year of Undergraduate Degree.

SKILLS

Programming Languages : C, C++, C#, Python
Web Development Tools : HTML, CSS, JAVASCRIPT, PHP, ASP.NET(MVC), VB.NET, ReactJS
Database Applications : MS SQL SERVER, MySQL, Oracle
Data Analysis/Visualization Tools: Pandas, Numpy, Matplotlib, Jupyter Notebook, Seaborn

I, Sonu Adhikari, hereby declare that all of the information provided above is true and correct to the best of my knowledge.