



Bishnu Poudel

Data/ML/AI Engineer, DevOps/Software Engineer



Profile

For finance, retail, pharma and social-media clients, I have provided optimal solutions to data quality issues, machine learning applications, and data operations automation.

Accurate communication, minimal consumption of time/resources for delivery of solutions are my priorities. Would prefer to work in smaller focused teams or start-ups.

- Strong Background in SQL, ML/AI, Python-Dev, Cloud Infra



Work experience

Present
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Mar 2023

Senior Data Engineer, Python Developer

IBM India Pvt. Ltd.

- For a database migration project in GCP-Big Query: improved code quality, recommended better quality-check and architecture strategies.
- Worked on API development and deployment project in GCP server-less. Delivered enhancements accurately and quickly while helping inexperienced folks ramp up.
- Analysed technical and project-management challenges.
- Tools: Python- Flask FastApi, SQL, GCP server-less infra, Git

Sep 2022
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Mar 2022

Lead Analyst, DevOps Engineer

Ugam Solutions (aka Merkle), Bangalore

- Technical support to run data pipelines, Spark Jobs, analytical queries on Hadoop for a social-network client.
- Decreased daily manual efforts by 75 % by automating routine tasks, taking initiative to convert remote VMs into GUI from CLI.
- Managed requests quicker, made communication transparent among 15+ requestors per day.
- Tools: Git, Hadoop, Python, Shell, REST API, Spark.

Oct 2020
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Jun 2020

Teaching Assistant

NMBU, Norway

- Teaching Assistant for 3 subjects: Machine Learning, Python Development, and Data Structures and Algorithms.

Feb 2019
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May 2015

Software Engineer, Data Operations Engineer

Verisk (Cotiviti, Verscend), Kathmandu

Automated data back-end and ETL operations in MS-SQL Server and .NET stack. In addition to daily operational duties, and resolving data-quality tickets, some notable projects were:

- Extracted key metrics from several unstructured text files. Daily data entry efforts for 50 files (1 million lines of text) per day was avoided
- Automated daily generation of critical XML files, several Excel Dashboards.
- Documented common troubleshooting techniques. Shared common solutions to adjacent teams working on similar projects.
- Tools used: TSQL, COBOL, SSIS, Excel, Python, Shell, .NET.

Mar 2015
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Jun 2013

Decision Scientist, Data QC Engineer

Mu Sigma Inc., Bangalore

- ETL migration, Data Quality assurance, Business-rules validation.
- Thorough quantitative checks and data validation on several roll-ups done by me provided a roadmap for the rest of the team to follow.
- Tools used: SQL, Informatica, Excel, SAS, R, QlikView.



Education

B.Tech. ECE, 2009-13

- *NIT Durgapur, India*

- Data structures and Algorithms
- C, C++, OOP
- Operating Systems, Networks

MS Data Science, 2019-20

- *NMBU University, Norway*

- Data structures and Algorithms
- Advanced Python, Data Science
- Computer vision, AI



Contact



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Address

New Town
Kolkata, India

Website, personal projects

Github



LinkedIn

DockerHub

This Resume



Skills

- Python (Flask, OOP, AI)
- SQL, T-SQL, BigQuery
- Google Cloud Dev, Architect, Security
- MongoDB, NoSQL
- Problem Solving
- Shell script, Batch Script
- Docker, Kubernetes
- DevOps, Automation
- ML, AI, NLP, Computer Vision
- Git, Coding standards
- Distributed Computing
- DevOps - Language Agnostic