BISHNU POUDEL

Data/ML Engineer, DevOps Engineer, Software Engineer

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Prefer to work in smaller teams or start-ups on a contract or project basis. Strong Background in SQL, ML/AI, Python-Dev, Cloud Infra (GCP).
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.

TECH STACK

SQL · NoSQL · Linux · Python · Flask · GCP · Data-Operations · Git

Machine and Deep Learning · Kubernetes · Docker · React · Language Agnostic DevOps · Distributed Computing

LEARNING

Software Architecture · Distributed Applications · React · Django

LANGUAGES

English: Native
Scandinavian: B1

EDUCATION

Masters in Data Science | Norwegian University of Life Sciences

- Jul 2019 - Oct 2020
- Ås, Norway
- GPA: 3.80

Bachelors of Tech. in Electronics and Communication | NIT Durgapur

- Jul 2009 - May 2013
- West Bengal, India
- GPA: 8.28 out of 10

EXPERIENCE

Senior Data Engineer, Python Backend Developer | IBM

📅 Mar 2023 – Sep 2023 📍 Bangalore, India

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

Lead Analyst, Devops Engineer | Ugam Solutions

📅 Mar 2022 – Sep 2022 📍 Bangalore, India

- Deploy/Monitor data pipelines, Spark Jobs, analytical queries on Hadoop Cluster.
- 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.

Teaching Assistant | Norwegian University of Life Sciences

📅 May 2020 – Sep 2020 📍 Ås, Norway

- Guided students and collaborated to find solutions, rather than feeding answers directly in these subjects: Data cleaning, Machine Learning, and Python Development.

Software Engineer, Data Operations Engineer | Verisk Analytics

📅 May 2015 – Feb 2019 📍 Kathmandu, Nepal

- Automated data back-end and ETL operations in MS-SQL and .NET stack.
- 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.

Decision Scientist, Data QA Engineer | Mu Sigma

📅 Jul 2013 – Mar 2015 📍 Bangalore, India

- 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.