

# SAMSHRITA GHIMIRE

samshritaghimire@gmail.com  
[www.samshritaghimire.com.np](http://www.samshritaghimire.com.np)

+977-9863329378  
[Linkedin : Samshrita Ghimire](#)

## SUMMARY

Dedicated and highly motivated individual seeking career in Data Analyst to leverage technical skills and educational background.

## WORK EXPERIENCE



### Code For Nepal

#### Data Fellowship 2024

may 2024 - present

- **SQL:** Data querying, manipulation, optimization, database design, and performance tuning.
- **Tableau:** Data visualization, dashboard creation, interactive reporting, storytelling with data, and advanced chart types.
- **Python:** Data analysis, machine learning, automation, data cleaning , data visualization (Matplotlib, Seaborn), and statistical analysis.
- **R:** Statistical analysis, data manipulation , data visualization.
- **Data Science:** End-to-end project execution, data collection, preprocessing, exploratory data analysis, model building, evaluation, and deployment.
- **Machine Learning:** Supervised and unsupervised learning, regression, classification, clustering, and model evaluation.
- **Big Data:** Working with large datasets, data wrangling, and data integration.
- **Data Engineering:** ETL processes, data warehousing, and handling structured and unstructured data.
- **Version Control:** Using Git for version control and collaboration in data science projects.



### Code Rush Pvt Ltd.

#### Cloud Security Engineering Apprentice

Nov 2023 - July 2024

- Familiarized with user and group management, security hardening and shell scripting in Linux operating systems.
- Gained strong understanding of networking principles, crucial for identifying and mitigating network vulnerabilities.
- Gained hands-on experience in developing secure web application hosted on AWS.
- Utilized AWS services to design and deploy secure cloud architectures, improving system reliability and security.
- Leveraged understanding of OWASP Top 10 and penetration testing fundamentals to improve application security and identify vulnerabilities in DVWA.

---

## EDUCATION

- **Bachelors in Computer Engineering** 2020-2024  
Khwopa College of Engineering, Tribhuvan University
- 

## CERTIFICATION

- **AWS Certified Cloud Practitioner** Feb 2024 - Feb 2027
  - **CompTIA Security +** July 2024 - July 2027
- 

## TECHNICAL SKILLS

- Technical Skills for Data Analyst
- Data Analysis & Visualization: SQL, Python (Pandas, NumPy, Matplotlib, Seaborn), Excel
- Business Intelligence: Tableau, Power BI
- Statistical Analysis & Machine Learning: R, TensorFlow, Scikit-learn
- Database Management: MySQL, PostgreSQL, MongoDB
- Data Cleaning & Preprocessing: Python (Pandas), ETL Tools
- Big Data Technologies: Hadoop, Spark
- Cloud Platforms: AWS (S3, Redshift, Athena)
- Version Control & Collaboration: Git, Jira, Confluence
- Data Interpretation & Reporting: Python (Matplotlib, Seaborn), Excel, Tableau, Power BI

## PROJECTS

- Monument Recognition System
  - Deepfake Video Detection System
  - Breast Cancer Detection
  - Password Strength Evaluator
  - Python Game- Flappy Bird
- 

## COURSEWORK

- Udemy - CompTIA Linux+
  - Udemy - CompTIA Network+
  - Udemy- Microsoft Power BI
- 

## INTERPERSONAL SKILLS

- Strong analytical and observational skills.
- Ability to think creatively and strategically to identify and resolve problems.
- Responsible and committed to team goals and continuous improvement.
- Ability to provide constructive feedback and receive criticism gracefully