Samir Paudyal

PERSONAL INFORMATION
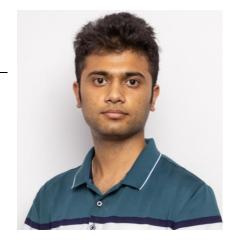
Date of Birth	2003/02/13
Nationality	Nepalese
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Visa Status	Student Visa
	LinkedIn GitHub

PROFILE

I am a motivated MSc Data Analytics student with a Bachelor's in Computer Engineering and hands-on experience in data analysis, business intelligence, and applied machine learning. I am currently seeking seeking a Workstudent position to apply and deepen skills within a data-driven environment.

CERTIFICATIONS & SKILLS

- **Certifications:**
  - Python Coding and Programming Course, Samsung Innovation Campus. (6-month onsite program at Pulchowk Campus, Nepal   [View Certificate]
  - AWS Academy Graduate – AWS Academy Data Engineering   [View Certificate]
- **Skills:**
  - **Programming:** Python, R, C++, C#
  - **Data:** SQL, Databricks, Apache Spark, dbt, Power BI, Tableau, Excel
  - **Tools:** VS Code, Git, Jira, Slack, Docker, MS Office Suite
  - **Soft skill:** Project Leadership, Communication, Teamwork, Attention to Detail

EDUCATION

MSc. Data Analytics   April 2025 - Present
Universität Hildesheim   Hildesheim, Germany
(Big Data Analytics, Machine Learning, Distributed Data Analytics, Time Series Analysis)

Bachelor in Engineering (Computer)   2019 - 2024
Tribhuvan University (Pulchowk Campus)   Pulchowk, Kathmandu
(Software Engineering, Database, Computer Network, Artificial Intelligence, DSA, Programming)

WORK EXPERIENCE

TAI Inc. (Japan-based company serving Japanese clients)   May. 2024 – Feb. 2025
Business Analyst   Kathmandu, Nepal

- Analyzed business data to identify growth opportunities and trends using SQL and Python.
- Designed KPIs and performance dashboards to support strategic decisions.
- Bridged communication between technical and non-technical teams.
- Oversaw business documentation and knowledge management processes.
- Conducted market and competitor analysis to inform business strategy and identify growth opportunity.

NGO & VOLUNTEER LEADERSHIP

LOCUS, 20th National Technological Festival (Largest student-run NGO in Nepal)   **Apr 2023 – May 2024**
Finance Coordinator   Kathmandu, Nepal

- Led the Children In Technology (CIT) initiative across all seven provinces in the country.
- Managed finances and logistics for Nepal's biggest national tech festival.
- Organized Hackathons, Code Camps, and Technergy events.

PROJECTS

Sanket (B.E. Major Project / Thesis)   [Thesis Link]   [Project Video]
- Developed mobile app for real-time video translation of Nepali Sign Language.
- Achieved high accuracy using LSTM model for sign recognition.
- Enabled two-way communication between hearing-impaired and others.
- Technologies: Flutter, Django, AI/ML (LSTM, Tensorflow)

End-to-End Medallion Architecture Data Pipeline   [GitHub Link]
- Developed a scalable data pipeline on Databricks using bronze, silver, gold layers.
- Automated ingestion with Autoloader, transformation with Lakeflow, and modeled gold layer star schema.
- Delivered an interactive Databricks Dashboard for business reporting.
- Technologies: Databricks, Apache Spark, Lakeflow, dbt, SQL, Dimensional Modeling

HOBBIES & INTERESTS

- Watching football and Formula One
- Exploring science and technology documentaries
- Volunteering in community events
- Socializing and meeting people
- Enjoying nature and outdoor activities

GRANTS & SCHOLARSHIPS

- High School Scholarship of around $500.
- Partial Scholarship in Bachelor Degree in Computer Engineering of $7,000 at Pulchowk Campus.

AVAILABILITY

Available for part-time (20 hours/week) Workstudent positions immediately.