

Kushal Gajurel

Date of birth: 25/10/1995 | **Nationality:** Nepalese | **Phone number:** (+977) 9843000399 (Mobile) | **Email address:** gajurelkushal1994@gmail.com | **Address:** Anantalingeshwor 1, Balkot, 44600, Bhaktapur, Nepal (Home)

● WORK EXPERIENCE

01/05/2022 – CURRENT Kathmandu, Nepal
DATA ANALYST RENEGADE NEPAL

Database Management:

- Worked in data modeling, MongoDB management, schema design and data operations.

ELT (Extract, Load, Transform) Processes:

- Designed and implemented efficient ELT processes.
- Developed data pipelines for transformation and integration.

CI/CD Pipelines:

- Configured pipelines for application deployment and data workflows, utilizing Azure Pipelines as one of the tools in the CI/CD pipeline.

AWS (Amazon Web Services):

- Worked with EC2, Cloud9, CodePipeline, and CodeDeploy.
- Deployed and managed applications for Data deployment.

Data Analysis and Visualization:

- Conducted data analysis and created interactive visualizations and presented insights to support decision-making.

Miscellaneous:

- Identified and resolved data-related issues.
- Troubleshot data pipelines and queries

01/05/2020 – 01/05/2022 Kathmandu, Nepal
SECURITY ANALYST LOGPOINT

Log Analysis and Performance Optimization:

- Developed Python log analysis framework, improving efficiency and insights from large log volumes. - Utilized Rust to optimize log normalizers, enhancing processing speed and efficiency.

Compliance Knowledge:

- Demonstrated expertise in compliance regulations: CCPA, GDPR, ensuring data protection.
- Implemented controls and procedures to maintain compliance.

Security Controls and Risk Management:

- Collaborated with cross-functional teams to assess and enhance security controls, policies, and procedures.
- Conducted regular risk assessments and audits to identify vulnerabilities and recommend enhancements.

01/12/2017 – 01/05/2020 Kathmandu, Nepal
ASSOCIATE SECURITY ANALYST LOGPOINT

Threat Monitoring and Incident Response:

- Gained expertise in monitoring security systems and tools to detect potential threats and vulnerabilities.
- Participated in incident response activities, investigating and mitigating security incidents to minimize their impact.

Security Operations Center (SOC) Support:

- Worked in a SOC environment, assisting senior analysts in managing security events, performing log analysis, and generating reports.

Security Incident Analysis:

- Analyzed security incidents, identifying the root causes, and recommending appropriate remediation measures.

Miscellaneous:

- Worked on building and improving Log Analysis framework in python
- Worked on Visualization of information extracted from logs
- Analyzed logs from various vendors including M365, Windows Server, Oracle, Cisco, etc
- Worked on Threat Intelligence, particularly with STIX/ TAXII

● EDUCATION AND TRAINING

01/01/2013 – 01/01/2017 Kathmandu, Nepal
BACHELORS IN ELECTRONICS AND COMMUNICATION Thapathali Engineering Campus, Tribhuvan University

- C/C++
- Big Data

• Artificial Intelligence
Merit Based Scholarship by Institute of Engineering (IOE), Tribhuwan University (undergraduate)
Top of the Batch

Address Maitighar, Thapathali, Kathmandu, Nepal | **Website** <https://tcioe.edu.np/> | **Final grade** 82.5% |

Thesis Speaker Recognition using MFCC and Artificial Neural Network

DIGITAL SKILLS

Programming Language

Python (NumPy, SciPy, Pandas, Seaborn, PsychoPy, Tensorflow, Scikit-learn, PyQt5) | Intermediate Rust developer | R Language and R Studio

Cloud

Azure AD | AWS CodeDeploy | AWS Codepipeline | Azure Pipelines

Database

MongoDB | MSSQL, PostgreSQL | Neo4j (GraphDB) | SQLite

Tools

Excel | Productivity: Atlassian (Confluence, Jira), Microsoft Office | Studio3t | Dbeaver | Git | Docker

Operating System

Linux (Ubuntu, Debian, Manjaro) | MAC OSX | WINDOWS(7-11)

Miscellaneous

☑ Machine Learning | Apache-Kafka | Data-Structures and Algorithms | Apache Flink | RESTful APIS | Network Optimization | Data Collection, Data Cleaning, Data Analysis, Data Visualisations | Load Balancing | Real-time Data Processing

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

PUBLICATIONS

[Blockchain in Handicraft Supply-chain Management](#) – 2019

This paper proposes an efficient Supply-chain management system for Handicrafts using Blockchain which addresses the deficiencies pertaining to the traditional approach.

[Anomaly based Intrusion Detection System \(Unpublished\)](#) – 2019

This project focused on developing an anomaly-based intrusion detection system using machine learning algorithms and Azure cloud platform for real-time network security monitoring with Raspberry Pi.

PROJECTS

11/04/2017 – 13/04/2017

Speaker Recognition Project to recognize speaker using MFCC for feature extraction and trained an Artificial Neural Network (ANN) for model training to detect the person speaking.

08/04/2023 – CURRENT

Violence Analysis Project to study violence based on Nepali news about violence | Tokenization and NLP