

Aishwarya Sah

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Professional Summary

BSc Computing student with hands on experience in Python, Java, SQL, and data analysis. Skilled in machine learning, AI, and software development. Excited to apply my knowledge in a practical environment, make meaningful contributions, and enhance my skills and growth in the tech field. Strong problemsolving, coding, teamwork, and leadership abilities, eager to contribute to real-world tech solutions.

Technical Knowledge

Programming Languages: Python, Java, SQL

Web & App Development: HTML, CSS, JavaScript

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Excel

Machine Learning & AI: scikit-learn, basic ML algorithms, data preprocessing, predictive modeling

Databases: MySQL, PostgreSQL

Tools & Platforms: Git, GitHub, Jupyter Notebook, VS Code, Google Colab

Concepts & Methodologies: Object Oriented Programming (OOP), Problem Solving, Software Development Life Cycle (SDLC), Agile basics

Other Skills: Data cleaning, data visualization, reporting, teamwork, debugging, version control

Education

BSc (Hons) Computing

The British College Affiliated with Leeds Beckett University, Kathamdu, Nepal

Sep 2023 – Oct 2027

GPA : 3.8/4.0

High School

Model Multiple College, Janakpur, Nepal

GPA : 3.13/4.0

Additional courses

AWS Fundamentals – AWS cloud club Nepal

Postman API Fundamentals Student Expert – Postman

Oracle Cloud Infrastructure 2025 certified AI Foundation Associate - Oracle

Data Analytics Job Stimulation – Deloitte

Intro to AI/ML - Coesis

Employment History

Data visualization Associate Intern

Jul 2025 – Sep 2025

Saint Louis University, Louis, MO 63103, United States - Remote

- Transformed complex datasets into interactive and insightful visualizations.
- Conducted data cleaning, exploratory data analysis, and created dashboards to uncover patterns, trends, and correlations.
- Communicated insights effectively through visual storytelling to support strategic decision making.
- Recognized as **Star Performer**, earning a **\$1000 scholarship** for exceptional performance during the internship.

**Nobel Global Intern
Nobel Learning PBC**

Apr 2025 – Aug 2025

- Designed and optimized web pages for usability and visual appeal.
- Troubleshoot internet and technical issues to ensure smooth operations.
- Delivered engaging pitches and presentations to global audiences.
- Led peer learning sessions and facilitated course activities.
- Collaborated with a diverse, international team to achieve project goals.

Additional Experience

**HPAIR 2025 Delegate
Harvard Project For Asian and International Relations**

- Engaged with global peers and industry experts in leadership, technology, and policy discussions.
- Collaborated on international case studies, developing strategic solutions and presenting findings.
- Expanded cross cultural communication, teamwork, and critical thinking skills through global networking.

**AWS Fellow
AWS Cloud Club - Tribhuvan University**

- Explored core AWS services such as EC2, S3, and Lambda to design and deploy secure, high-performance cloud architectures.
- Gained hands-on experience in building scalable and reliable cloud solutions using AWS best practices.
- Applied DevOps and automation techniques to streamline deployment, infrastructure management, and monitoring.

**Semifinalist
AIDA Hackathon 2025 for Disabled
HearMe – Emotional AI Assistant Project**

- Conceptualized an AI powered system to interpret sign language and emotional expressions, bridging communication between deaf and hearing individuals.
- Designed the idea for real time gesture recognition, emotion detection, and context based interpretation using AI and machine learning.
- Recognized as a semifinalist for creativity, feasibility, and real world impact.

Virtual Hackathon Participation

- Participated in **Bolt.new Hackathon**, **Adobe Express Add-on Hackathon**, and **AI x City Climate Action Hackathon**, collaborating with teams to develop innovative solutions under tight deadlines.
- Gained hands-on experience in problem-solving, rapid prototyping, and AI integration, while presenting functional project prototypes to judges.

Projects

Tumor Detection System

Machine Learning Project

- Developed a machine learning model to detect tumors using Kaggle medical imaging datasets.
- Preprocessed data, extracted features, and trained models using Python and scikit-learn.
- Analyzed and presented results, demonstrating problem-solving and technical skills.

Interactive Dashboard Project – Deloitte Data Analytics Virtual Job Simulation

Tableau Project

- Created an interactive Tableau dashboard to visualize machine downtime by factory and device type.
- Cleaned and analysed data using Excel and Tableau to generate actionable insights.
- Presented findings through clear visual storytelling to support data-driven decisions.

Drought Prediction System

- Developed a machine learning-based system to analyze environmental data and forecast drought conditions.
- Implemented AI driven models to provide early warnings, enabling proactive water management and resource planning.

Promptly – AI assisted Social Media Caption Generator

Web app integrating Google Gemini AI to generate creative social media captions with emojis, hashtags, voice input, and history tracking.

Declaration

I hereby declare that all the information mentioned above is true to my knowledge & I bear responsibility for them.

