



SONAM TENZIN

CURICULUM VITAE

CONTACT

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EDUCATION

COLLEGE OF SCIENCE AND TECHNOLOGY

2021 - 2025

- Bachelor of Engineering in
Information Technology

COURSEERA- GOOGLE LEARNING PLATFORM

2024 - 2025

- Google Data Analytics
- Google Advanced Data
Analytics

UDEMY ONLINE COURSE

- Python for Data Science and
machine learning Bootcamp
- The Data Science Course

SKILLS

- Data Analysis
- Model Development
- Problem Solving
- Communication
- Team Collaboration
- Programming languages like python,
Java, React Native, C, NextJs
JavaScript, TypeScript, HTML and R.

PROFILE

A motivated and adaptable candidate with strong analytical skills and passion for extracting insights from data. Eager to apply knowledge of analytical and contribute to AI by leveraging data-driven decision-making, machine learning, and predictive analysis. Interested in current trends such as Machine Learning, AI, Big Data and Data Analysis. Aiming to stay ahead of the industry developments and contribute to innovative solutions that enhances organizational performance.

WORK EXPERIENCE

Data Analyst & Artificial Intelligence/ Machine Learning

Academic & College Projects (College of Science and Technology)

2021 - 2025

- Facial Recognition Attendance Management System
 - Developed as part of college work; used face embeddings and real-time attendance management to reduce proxy and logging entries.
- Hostel Management System
 - Designed and implemented a centralized web-based system to manage hostel allocations, check-ins/outs, and resident data.

Personal & Coursera Projects (Self-Initiated)

2022 - 2025

- Short term load forecasting for power grids
 - Built ML models to predict power loads prediction and supply using historical usage, weather and temporal data
- Classification and Regression models
 - Diabetes and stroke prediction in healthcare
 - Water quality estimation using environmental indicators.
 - Performed data visualization and reporting using libraries and tools like Matplotlib, Seaborn, ggplot2, Tableau, Power BI and Excel.
- Time-Series Forecasting using RNNs/ LSTMs
 - Built models to forecast bike-share demand using historical and temporal dataset

On Job Training (GovTech Agency)

2024 - 2025

- Intelligent Parking System
 - Used computer vision solution for detecting number plates and occupancy for internal agency for information retrieval.
- Pothole Detection
 - Designed image pipeline to detect and classify road potholes for early government intervention.