





Amul Poudel

San Marcos, TX |  Amul-byte |  Portfolio |  amulpoudel |  pramulchetttri@gmail.com | +1 (737) 335 9440

EDUCATION

Texas State University

Bachelor of Science in Computer Science (GPA: 4.0)

San Marcos, TX

Expected: May 2028

SKILLS

Languages: HTML, CSS, Python, C/C++

Frameworks & Tools: Django, Git, GitHub, Linux, WordPress, Pandas, Matplotlib, scikit-learn

Data Science / ML: Machine Learning, Data Cleaning, Exploratory Data Analysis, Regression Analysis, Model Evaluation, Data Visualization

Other Skills: Social Media Handling, Digital Marketing, IT Support, System Administration, Video Editing, Canva, Public Speaking, Time Management

EXPERIENCE

Texas State University

Assistant to the Director of Facility Management

San Marcos, TX

Oct 2024 – Present

- Managed operations for sports and university events, including baseball, softball, cheer, commencement ceremonies, basketball, football, and soccer.
- Developed expertise in logistics, facility operations, and crowd management, ensuring smooth event execution.

INKK Engineering Solution Pvt. Ltd.

Engineering and 3D Printing Intern

Lalitpur, Nepal

Oct 2023 – Feb 2025

- Researched and implemented FDM 3D printing technologies, optimizing print quality and improving material efficiency.
- Managed and maintained 3D printers, troubleshooting hardware issues and ensuring smooth prototyping and production.

Waling Innovation Centre

AI and Robotics Club Member

Syangja, Nepal

Feb 2020 – Feb 2021

- Developed and implemented AI-driven robotics and automation projects, focusing on real-world machine learning systems.
- Researched and optimized robotic motion algorithms, enhancing sensor-based navigation and improving system efficiency.

PROJECTS

Experano - Experience Sharing Platform

GitHub: [experano.vercel.app](#)

Web Application

2025

- Built a full-stack experience-sharing web platform enabling users to post, view, and search categorized experiences.
- Used modern web technologies like React, Node.js, and Firebase for frontend, backend, and authentication.

Sea Level Predictor

GitHub: [Amul-byte/sea-level-predictor](#)

Machine Learning Project

2025

- Created a machine learning model using regression techniques to predict future sea levels based on NOAA data.
- Visualized trends using Matplotlib and Pandas to support climate awareness and data-driven insights.

Student Performance Predictor

GitHub: [Amul-byte/Student-Performance-Predictor](#)

Machine Learning Project

2025

- Built a classification model to predict students' final grades based on socioeconomic and academic attributes.
- Performed feature engineering, model training, and evaluation using scikit-learn and visualized results with Matplotlib.

HONORS & AWARDS

Dean's List - Texas State University

Awarded for Academic Excellence (4.0 GPA)

San Marcos, TX

2024 – Present

- Recognized for maintaining a **4.0 GPA**, demonstrating exceptional academic performance and dedication.
- Achieved **Dean's List distinction** by excelling in coursework and consistently ranking among the top students.

LANGUAGES

English (Fluent), Nepali (Native), Hindi (Fluent)