





# Amul Poudel

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## EDUCATION

### Texas State University

Bachelor of Science in Computer Science (GPA: 4.0)

San Marcos, TX

Expected: May 2028

## SKILLS

**Languages:** JavaScript, 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)