PRASHANT KHATIWADA

Caldwell, NJ | pkhatiwada@caldwell.edu | 973-390-0172 | [LinkedIn](#)

EDUCATION

Caldwell University, NJ, USA

Bachelor of Science in Computer Science (BSC. CS)   *May 2028*

GPA: 3.97

AWARDS

- Presidential Scholarship, Caldwell University
- St. Thomas Aquinas Scholarship, Caldwell University
- Honors Program Grant, Caldwell University

ACHIEVEMENTS

- Dean's List Letter Recipient Fall 2024, Caldwell University
- Winner at HackNJIT 2024 – Awarded 2nd place in a hackathon with 200+ participants all across the US.
- 1st Place - Best Web Design, BNKS Dev Fest (30+ participants)
- 1st Place - Web Design Competition, VS Niketan (60+ students)
- Gold Medalist - Astrophysics Presentation Competition, Kathmandu Model College

EXPERIENCE

Peer Tutor, Caldwell University   *(03/2025-Present)*

- Tutored 15+ students weekly in Computer Science and Calculus, resulting in a 25% improvement in average exam scores
- Developed customized study guides and quizzes, helping students better understand complex concepts like algorithms and differential equations.
- Created a collaborative study group environment, boosting student engagement and improving academic performance by 30%.

IT & Media Communications Officer, NSA at Caldwell University   *(09/2024-Present)*

- Designed eye-catching digital posters and social media graphics that increased event attendance by 40%
- Managed a Facebook and Instagram handles for various events, engaging over 500 students
- Set up live-streaming and audio-visual equipment for a successful cultural event with 200+ attendees

Executive Manager Intern, Front-End Developer, Techmandu Computer   *(09/2023-03/2024)*

- Organized and hosted 6 monthly tech meetups, drawing over 300 attendees, including industry professionals and students
- Revamped the company website, improving user experience and cutting page load times by 30%
- Collaborated with the core team to draft and implement policies, improving internal communication and work efficiency

Secretary, KMC Students' Committee   *(07/2022-07/2023)*

- Led the organization and execution of KMC Techno-Fest, a 3-day event featuring 11+ competitions, which saw a 50% increase in participation from the previous year
- Managed detailed records of 20+ meetings, ensuring timely follow-up on action items and fostering collaboration between clubs
- Acted as the liaison between the committee and administration, improving communication flow and event approval turnaround time by 40%

PROJECTS

Gamify.Work()

- Built a productivity-focused game where users control a bot to complete tasks via hand movements
- Utilized AI-based motion detection for an interactive experience
- Tech Stack: React, TensorFlow, MediaPipe, Flask, OpenCV

Stock Market Insights & Analysis

- Created a stock forecasting app using Long Short-Term Memory (LSTM) models
- Incorporated technical indicators (RSI, MACD, Bollinger Bands) for enhanced market analysis
- Implemented NLP-based sentiment analysis to evaluate the impact of financial news on stock prices
- Built an interactive dashboard using Streamlit for real-time data visualization
- Tech Stack: Python, TensorFlow, yFinance, BeautifulSoup, Streamlit, Plotly, TextBlob, Pandas

SKILLS

- Technical Skills: Microsoft Office, Canva, Figma, Wordpress, C, Python, HTML, CSS, JS, React, OpenCV, TensorFlow, Pandas
- Soft Skills: Effective Communication, Problem-Solving, Teamwork, Decision-making