

Sadhana Jamkatel

Naperville, IL | 3312263668 | sadhanajamkatel0010@gmail.com | <https://github.com/Sadhanajx10>

EDUCATION

North Central College, Naperville, IL

Bachelor of Science in Computer Science

Expected May 2027

GPA : 3.8

Relevant Coursework: Intro to Python, Calc 1, Calc 2, Data Structures, Discrete Structures.

TECHNICAL SKILLS

- **Programming languages/Web Development:** Python, C, C++, HTML, CSS, JavaScript, React.js, Node.js
- **Databases:** MongoDB
- **Tools:** Git, GitHub
- **Operating Systems:** Windows, Linux, MacOS

PROJECTS

Twitter Clone

May 2024- Present

Develop a full-stack Twitter clone using React, Vite, Node.js, Express.js, MongoDB, and Cloudinary.

- Implemented user authentication, profile management, and social interactions (follow/unfollow) with real-time notifications.
- Designed secure RESTful APIs with JWT, bcrypt, and custom middleware.

Slot Machine Game Simulation

April 2024-Present

Developed an interactive console-based slot machine game using JavaScript and Node.js.

- Utilized prompt-sync for user input, ensuring smooth gameplay with robust input validation.
- Enhanced engagement with multi-round play options for depositing money, placing bets, and spinning reels.

Simple Calculator App – Python Tkinter GUI

Sep 2023 - Present

- Develop a user-friendly Simple Calculator application using Python and Tkinter, ensuring an intuitive graphical interface for basic arithmetic operations
- Establish a modular code structure with well-defined functions, fostering code readability and maintainability

LEADERSHIP AND EXPERIENCE

Resident Assistant | North Central College

May 2024 - Present

- Develop a supportive residential community, providing guidance and resources to students.
- Organize and lead community-building activities and events to enhance student engagement and well-being.

Vice President & Founder | South Asian Student Association | North Central College

Aug 2023-Present

- Provide planning, leadership within the executive board, educating fellow members on budgetary considerations
- Establish partnerships with other student organizations and college departments to co-host events, promoting cross-cultural understanding of South Asian culture and cuisine

Facility Attendant | Athletic Department | North Central College

Aug 2023 - Present

- Assist in planning and executing athletic events, ensuring smooth logistics and a positive experience.
- Collaborate in maintaining and organizing athletic facilities for a safe and conducive environment.

ADDITIONAL INFORMATION

- **Awards:** 3rd position; Mathematics and 1st :Computer Science Competition, Best Presenter Award (Computer Science); International Presidential Award, Dean List (2023-2024), North Central College
- **Languages:** Nepali, English, Hindi, Urdu