

# NETRA NYAUPANE

Nashville, TN | nyaupanenetr@gmail.com | (682) 217 2569  
[linkedin.com/in/netra-nyaupane](https://www.linkedin.com/in/netra-nyaupane) | [github.com/nyaupane-netra](https://github.com/nyaupane-netra)

## Education

### Fisk University

Expected Graduation Date: May 2025

Bachelor of Science in Computer Science

GPA: 4.0/4.0

**Relevant Course Work:** Introduction to Computer Science (Google in Residence-Python), Object-oriented programming(Java), Data Structure and Algorithms(Java), Programming Language, Computer Architecture, Operating System, Calculus(I&II), Linear Algebra, Frontend Development, Database Management, Discrete Mathematics

**Honors and Awards:** Fisk Executive Leadership Scholar, Fisk Outstanding Scholars and Leaders, Honors Scholar

## Skills

**Languages:** Python, JavaScript, Java, C++, MySQL, HTML5, CSS3, Latex, STATA, Ruby, PHP

**Tools & Frameworks:** React, Git, Jupyter, NumPy, Arduino, Docker, Unit Testing and Integration Testing, Azure, AWS, Bootstrap, jQuery, Figma, Linux/Unix

## Projects

### Blackjack Game | [Github](#) | – Python

April 2023 - Sept 2023

- Created a **Python-based** Blackjack game comprising over **500** lines of code, showcasing programming skills.
- Designed and implemented a simple **text-based interface** for players to engage with the game.
- Implemented core game mechanics including player actions and win conditions.

### Calculator App | [Github](#) | – Python, Git

Aug 2022 – Nov 2022

- Implemented a **dynamic user interface** allowing users to input and visualize calculations.
- Incorporated error-handling mechanisms to prevent crashes by **40%**, ensuring a smooth user experience.
- Developed backend logic with more than **15** arithmetic operations, ensuring accurate results.

### FiskBook WebApp | [Github](#) | – React, HTML CSS, Firebase

Oct 2023 – Nov 2023

- Developed a user-friendly platform to connect students with various opportunities, alumni, and experts.
- Increased user engagement by **25%** through the implementation of streamlined opportunity filtering.
- Improved data security by **20%** through efficient integration of Firebase database and user authentication.

## Experiences and Leadership

### President – Computer Science Club

July 2019 – June 2020

- Led an event to showcase the importance of computers and programming to students from other disciplines.
- Conducted many volunteer campaigns leading more than **30** students.
- Organized and participated in Club Fair resulting in an increase in club members from **10 to 50+** members.

### Frontend Development Intern – Nepalex Pvt. Ltd. (Kathmandu, Nepal)

July 2021 – Jan 2022

- Developed and deployed a responsive web application using **HTML, CSS, and React**, resulting in a **40%** improvement in mobile user engagement.
- Reduced page load times by **25%** through **React-based front-end optimization**, resulting in a **15%** increase in overall site traffic.
- Utilized React for rapid resolution of **100%** of reported front-end bugs within a **48-hour timeframe**, ensuring a timely software update release.

## Hackathons, Clubs and Activities

Fisk Computer Science Club, Fisk Rocket Science Team, Red Cross Circle, HBCU CONNECT, Equinix Hackathon, Fisk Campus Activities Board, Google Developer Student Club at Fisk, BE Smart Hackathon by American Airlines, Fisk Robotics Club, Fisk Machine Learning Club