# AYUSH DANGOL

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## EDUCATION:

**Master of Science in Computer Engineering**     May 2025
Wright State University - Dayton, OH

**Bachelor of Science, Computer Networking and IT Security**     December 2021
Islington College - Kathmandu, Nepal

## PROFESSIONAL SKILLS

- Python3
- JavaScript
- HTML
- CSS
- Bootstrap
- Tailwind
- React.js
- Next.js
- GitHub
- Singularity
- MongoDB
- EC2
- Microsoft Office

## PROFESSIONAL EXPERIENCE

**Front-End Developer**     May 2022 - July 2023
Syvar Technology - Kathmandu, Nepal

- Built web pages using tools, frameworks, and programming languages like HTML, CSS, JS, and React
- During the development process, coordinated and conducted team meetings and delegated tasks to ensure the team stayed on schedule
- Conducted at least ten-unit tests for basic functionality and different functionality tests depending on the application and websites
- Developed a website using React to allow users to instantly update the website
- Worked on two websites from zero till deployment with interactive and dynamic design.

**Security Research Analyst Intern**     November 2021 - April 2022
SecurityPAL - Kathmandu, Nepal

- Collaborated in teams, wrote reports, and reviewed other team members.
- Answered and completed detailed security assessments for clients regarding compliance, technology, and security.
- Also assembled a library and database of compliance and regulation regarding Information Technology and strengthened my knowledge of current techniques and technologies.

**Cyber Security Intern**     September 2020 - December 2020
Vairav Technology - Kathmandu, Nepal

- Worked in four departments: Vulnerability Assessment and Penetration Testing, Security Operations Center, Governance Risk and Compliance, and Security Operations Center Development.
- Conducted vulnerability assessments in Vulnerability Assessment and Penetration Testing department.
- Utilized tools like Kibana during Security Operations Center and utilized sandbox and virtual machines for threat hunting and analysis in SOC development.
- Wrote detailed reports and analyzed provided reports and plans during Governance Risk and Compliance.
- Used various tools like ELK, VirusTotal and wireshark and understood terminologies and critical processes related to each department.

## PROJECTS

**E-Commerce Website (Syvar Technology):**                                          Feb 2023 - May 2023

- Developed an e-commerce website for a company using React.js framework, Express.js, MongoDB, HTML and CSS to increase the sales for the company by providing customers with a way to shop online.
- Achieved fast completion of the project by coordinating with team members to ensure the project gets completed two weeks before the deadline.
- Created an administrative panel with a user-friendly GUI for easily updating, adding, and removing content from the website to seamlessly track order, view the statistics of customers and identify the most sold item for the company.
- Integrated front-end code with backend and conducted testing to ensure proper functionality using GitHub to push code and create version control to create a responsive application for mobile and desktop.

**Created a Website for an Engineering Consulting firm (Syvar Technology):**          Nov 2022 - Jan 2023

- Developed the front end of a website by using HTML, CSS, Javascript, and Bootstrap to craft an updated look for the company through the website.
- Coordinated meetings and tasks between team members and clients during development to review and update the content to ensure accurate information was being displayed on the website.
- Created a responsive site for both desktop and mobile using designs from Figma to make sure that development progressed smoothly.
- Conducted 12 different tests in various categories to test the functionality and performance of the website by creating a document with elaborate test plans to ensure that no bugs are found in the final build.

**Library Management System (Islington College):**                                          Sep 2018

- Developed a simple management system using Python to review and update the books in the library which allowed for easy management of the items.
- Improved the management implementing functionality like displaying, borrowing, and returning books and generating reports which improve the time taken to sort the items in the library.
- Created a simple GUI designed in Python by using existing modules and libraries to provide a user friendly and simple navigation for the user.