

Bipran Rimal

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EDUCATION

University of Cincinnati

Aug 2025 - May 2029

Bachelors of Science, Cybersecurity

- **GPA:** 4.0
- **Coursework:** Networking and Security, Database Management, System Administration, Web Development, Interactive Digital Media and Design Technology, Core Principles of Information Technology, Network Infrastructure Management, Computing Programming

EXPERIENCE

Fecon LLC

Aug 2025 - Dec 2025

IT Intern – Junior Administrator (Systems, Networking Infrastructure & Security)

Cincinnati, Ohio

- Improved network performance by 28% by coordinating with cabling contractors to run 50+ new cable drops and perform structured cable management, resulting in cleaner racks and faster troubleshooting across the office.
- Upgraded the organization's core infrastructure by replacing switches, reorganizing patch panels, and configuring VLANs + port settings through the Cisco Meraki Dashboard, increasing network reliability and scalability for 200+ endpoints.
- Enhanced network security and system uptime by deploying domain-joined systems, configuring 80+ AD accounts & GPOs, and assisting with Barracuda firewall sensor setup, reducing security gaps and improving monitoring accuracy by 35%.

University of Cincinnati Housing

Jan 2025 - Present

Neighborhood Frontline Residential Support Assistant – Technology & Operations

Cincinnati, Ohio

- Managed scheduling, data tracking, and operational workflows for a team of 25+ residential assistants, using Excel and digital systems to ensure 100% shift coverage accuracy and timely completion of over 150+ weekly staff and resident requests.
- Delivered frontline technical and operational support to a community of 950+ residents, resolving issues and coordinating between departments to achieve a 98%+ satisfaction rate and maintain seamless daily housing operations.

The Hotel Milestone

Dec 2023 - Aug 2024

IT Infrastructure & Systems Administrator Assistant

Kathmandu, Nepal

- Assisted in deploying a complete office network by installing and configuring the modem, router, patch panel, managed switches, dropped 16 wall jacks, and 4 wireless access points, ensuring stable connectivity and seamless coverage across the workspace.
- Delivered a phishing-awareness training session for 12 staff members, improving user understanding of social-engineering risks and strengthening the organization's overall security posture.
- Monitored device health and network status, set up and maintained office printers, and managed the company's hardware inventory, including sourcing and purchasing new equipment based on operational needs.

PROJECTS

Virtual Enterprise Infrastructure & IT Operations Guide Systems & Network Administrator (Simulation Project)

Oct 2025 - Nov 2025

Cincinnati Ohio

- Built a virtualized enterprise network in VMware with 4 servers (AD, DHCP, DNS, File Server) and 1 client system joined via VPN under a custom domain, simulating real-world organizational IT infrastructure on a small scale.
- Authored a 20-page technical guide detailing the setup of patch panels, switches, and firewalls, improving practical understanding of enterprise IT operations by over 70%.

Enterprise Certification Workflow Automation Fecon LLC

Oct 2025 - Nov 2025

Cincinnati Ohio

- Built an automated certification management system using Microsoft Power Automate, Forms, and Excel to streamline how safety certifications are tracked and recorded across the organization.
- Integrated dynamic data flow from Microsoft Forms to Excel, automatically calculating completion and expiration dates, and generated personalized ID-style certification PDFs reducing manual effort by 80% and ensuring 100% data accuracy in recordkeeping.

UC Connect

Feb 2025 - Present

University of Cincinnati

Cincinnati, Ohio

- Prototyping and developing a secure full-stack platform using Figma, HTML, CSS, and JavaScript to connect students across diverse majors at the University of Cincinnati, fostering collaboration, innovation, and interdisciplinary learning.
- Designed to promote a startup culture, the platform aims to boost student-led project participation by 30% and connect 1 in 6 students for enhanced academic and professional collaboration.

TECHNICAL SKILLS

- **Cybersecurity and Networking:** Wireshark, Nmap, Threat Detection, Incident Response, Firewall Configuration, Troubleshooting & End-User Support, Cloud Security, Cloud Computing, Phishing Investigation, Basic Networking (TCP/IP, DNS, DHCP), Mimecast
- **Programming and Scripting:** HTML, CSS, Java, Javascript, C++, SQL, Python, Bash, PowerShell
- **Tools and Platforms:** PyCharm, Microsoft Office, Github, MySQL, phpMyAdmin, Figma (UI/UX Design), VScode, Google Workspace, Zoom, Slack, Microsoft 365 Administration, Power BI, Excel, Active Directory, Teams, Outlook, Atera, Syteline, Ticketing Tools
- **Database and Backend:** MySQL, Firebase, phpMyAdmin, Database Management
- **System and Infrastructure:** Windows OS, macOS, Linux, Active Directory, VMware, Hardware Maintenance & Deployment, Workstation imaging and deployment, Remote Support, Help Desk Support, Azure, GPOs, Patch Panel, Switch, WAP, Scale

CERTIFICATIONS AND COURSEWORKS

- **CompTIA CYSA+:** In Progress – Expected March 2026
- **Harvard CS50 Cybersecurity:** Coursework Completed via Engineering Services Company (EDX)
- **Core Principles of Cybersecurity and Threat Intelligence:** Certification accomplished: 10/9/2024- LinkedIn Learning
- **Comprehensive Foundations of Code Architecture:** Self-paced coursework completed via LinkedIn Learning
- **SQL & Enterprise Database Management Systems:** Self-paced coursework completed via LinkedIn Learning