

Nick Lofy

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Creative software developer with a talent for crafting innovative solutions and a strong passion for learning.

EDUCATION

University of Wisconsin-Milwaukee, Milwaukee WI
BS in Information Science and Technology | GPA 3.5
Minor in Computer Science

Expected Dec. 2024

Nicolet College, Rhinelander WI
Technical Diploma in IT Software Development Specialist

Apr. 2021

Nicolet College, Rhinelander WI
Certificate Technical Support Fundamentals

Jan. 2020

TECHNOLOGY SUMMARY

Languages: Java, JavaScript, Python, C, SQL, PHP, HTML, CSS, VB

Tools: WordPress, Proxmox, Docker, Linux, Cisco Packet Tracer, Wireshark, VirtualBox, VSCode, Eclipse

Skills: Networking, Database Management, Web Development, Web Analytics

Software: Microsoft Power Suite, Microsoft Office, MySQL

EXPERIENCE

Kinetic Sequence, Milwaukee WI

Jan. 2022 to Present

Web Developer

- Build and launch websites from concept to deployment for businesses and organizations.
Examples: Dedicated-Electrical.com | PellaWI.com | hps.md | Ircaviation.com
- Manage **domain** registration and upkeep, ensuring consistent branding and uninterrupted access.
- Update and maintain websites by adding features, refreshing content, and improving functionality.
Examples: Gruber-Law.com | lawbrothers.com | prairieschool.com | midwestinjurylawyers.com
- Develop custom solutions using **HTML**, **CSS**, and **JavaScript** to meet specific project requirements.
- Optimize **database** performance with **SQL** queries and streamline data management processes.

Molson Coors, Milwaukee WI

May to Aug. 2024

IT Infrastructure Intern

- Automated **SAP** Super User request processes, reducing response times and improving efficiency.
- Installed and upgraded physical **server infrastructure**, ensuring minimal downtime during transitions.
- Deployed and managed digital signage systems, enhancing internal communication across the corporate office.

Freelance IT, Northern Wisconsin

Jan. 2020 to Dec. 2024

IT Infrastructure Intern

- Analyzed IT needs and implemented solutions, including **hardware** and **software** for business needs.
- Designed and configured business **networking** to improve connectivity and operational efficiency.
- Installed and supported **CCTV** security systems, enhancing client safety and surveillance capabilities.
- Provided **technology training** and **helpdesk** support to increase adoption and user confidence.
- Managed **smart devices** to streamline operations.
- Offered **helpdesk** support and IT consulting services.

Nonprof-IT, UW-Milwaukee

Jan. to May 2023

Student IT Consultant

- Collaborated with a team to develop and implement customized technology solutions for local nonprofit organizations, enhancing their operational efficiency and digital presence.
- Engaged directly with clients to assess their IT needs, delivering tailored services such as website development, social media campaigns, and technology assessments, resulting in significant cost savings for the organizations.

PROJECTS

Senior Technical Capstone | <https://SafeTravelOdyssey.com>

Aug. to Dec. 2024

Four-Month Intensive Comprehensive Degree Culminating Project & Leadership Training

- Built a safety-focused travel web application, leveraging **agile** methodologies and industry practices.
- Developed critical thinking and problem-solving skills by tackling real-world product development.
- Collaborated effectively in a cross-functional team environment, contributing to the project's technical and business aspects.
- Analyzed market feasibility and scalability, preparing the product for future development.
- Gained practical experience in the agile product development lifecycle, from ideation to launch.

Proxmox Virtual Environment

Jun. to Aug. 2024

- Configured and deployed **Proxmox** Virtual Environment on a Dell PowerEdge R420 server, managing **virtual machines, containers**, and resource allocation efficiently.
- Optimized server performance with a ZFS-based RAID setup and implemented GPU pass-through to enhance media server application performance.
- Developed and secured **OpenVPN** access for remote connectivity and streamlined application deployment using Docker containers with Portainer.

EXTRACURRICULAR

Plum Ski-ers Show Team Non-Profit, Sayner Wisconsin

Treasurer

Jan. 2023 to Present

- Manage the financial operations of the Plum Ski-ers Water Ski Show Team using **QuickBooks**, overseeing **budgets, accounts payable/receivable**, and bank account reconciliation.
- Prepare and file tax documents, maintain accurate financial records, and ensure compliance with regulations to provide transparency and accountability.

Vice President

Jan. 2022 to Jan. 2023

- Directed a team of nearly 150 members as Show Director for the Plum Ski-ers Water Ski Show Team, overseeing themed performances, competitions, and high-quality entertainment production.
- Demonstrated strong leadership and organizational skills by managing schedules, resources, and team dynamics, fostering teamwork, and achieving success at regional and national competitions.