



Skills
Python
◆◆◆◆◇◇
React Native
◆◆◆◆◆◇
Github
◆◆◆◆◆◇
Cybersecurity / Application Security
◆◆◆◆◇◇
Proxmox / Virtualization
◆◆◆◆◆◆
PLCs / Business Automation
◆◆◆◆◆◇
GIS applications / Asset Mapping
◆◆◆◆◆◆
Interests
3d-printing
Arduino / Raspberry Pi / Hardware
Robotics
Emerging Technologies / AI
Awards
Field Station Climber's Club
Delta Airlines
🔗 https://www.delta.com/
Award of Excellence
Granite Peak Snow Ops
Languages
Spanish
Near Fluent comprehension, but speaking it could use practice
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JJ Munguia

Full-Stack Problem-Solver: Building Solutions Across Domains

📍 Wisconsin • 📧 jj@jjmung.dev • 🌐 https://www.jjmung.dev

Profiles

jjmung
LinkedIn

jjmung
Github

Summary

Accomplished mid-senior level professional with a diverse background in web development, automation, PLCs, cybersecurity, and computer hardware. Eager to leverage proven skills and experience in building large-scale web applications and penetration testing for a challenging role in a fast-paced startup or large corporation.

Experience

Granite Peak Ski Resort

Nov 2022 - Present

General Maintenance Technician

Rib Mountain, WI

🔗 https://skigranitepeak.com/

Highly skilled in all aspects of snowmaking operations, I contribute to exceptional guest experiences by:

- Efficient Snow Production:
 - Assist with setting up, operating, and monitoring snow guns across assigned trails and slopes.
 - Adjust equipment to guarantee optimal snow quality, quantity, and coverage.
 - Move guns strategically to ensure even distribution and efficient use of resources.
 - Utilized technical expertise to diagnose and fix water pipeline issues in the snowmaking system, including repairing ball valves, butterfly valves, and hydrants
- Safe Slope Preparation:
 - Actively participate in preparing trails and slopes for safe and enjoyable skiing/riding.
- Expert Troubleshooting:
 - Diagnose and repair snow gun issues related to radio Modbus communication, electrical components, pneumatic valves, and Allen Bradley PLCs.
 - Test, replace, and rebuild components to maintain optimal functionality.
 - Ensured peak performance for over 300 snowguns by proactively tracking and completing annual maintenance, including oil changes.
 - Prepped 300+ snowguns for the season through comprehensive maintenance, including oil changes, addressing potential issues, and remediating problems.
- Streamlined Operations:
 - Developing an interactive map asset management system showcasing snow gun locations, operational buildings, and key data points for improved efficiency and operational decision-making.
- Meticulous Maintenance:
 - Clear hoses and prepare snow guns for removal, ensuring proper shutdown and equipment longevity.

JJMung

November 2021 - Present

Full Stack Developer

Wisconsin

🔗 https://www.jjmung.dev

Full-Stack Developer with Expertise in Mobile, Web, Databases, Virtualization, Containerization

Passionate about building user-centric applications, I combine skills in mobile and web development with back-end database creation (SQL, NOSQL, PostgreSQL). My dedication to clear communication ensures smooth client collaboration and successful project delivery.

Delta Global Services

Jan 2012 - Oct 2017

Station Trainer / Supervisor

Mosinee, WI (CWA)

🔗 https://www.delta.com

High-Impact Operations Leader at Delta Airlines (CWA): Driving Efficiency and Compliance

Focused on optimizing operations and employee performance at Delta Airlines (CWA), I leveraged expertise in training, compliance, and customer service. Key contributions include:

- Enhanced operational efficiency:
 - Streamlined training processes, exceeding goals and ensuring employee compliance.
 - Implemented plans to rectify identified issues, improving overall performance.
 - Developed and delivered impactful training programs via diverse methods according to company regulations.
 - Conducted audits with governmental agencies, maintaining compliance and positive standing.
- Championed employee development:
 - Provided comprehensive training and mentoring to new team members, boosting their performance.
 - Analyzed and adjusted training methods, ensuring effectiveness and efficiency.
- Ensured customer satisfaction and safety:
 - Assisted customers with check-in and boarding, facilitating smooth travel experiences.
 - Collaborated with TSA and airport staff to maintain security protocols.
 - Performed crucial tasks like load planning, baggage verification, and aircraft preparation.
- Demonstrated strong technical skills:
 - Operated de-icing equipment and inspected aircraft for safety concerns.
 - Guided aircraft movements using hand signals and lighted batons.

Education

University of Wisconsin - Stevens Point

Bachelor of Science

Applied Computing

🔗 https://uwex.wisconsin.edu/applied-computing/

Projects

Off the Clock Mobile Application

August 2021 - November 2022

🔗 https://www.offtheclockcw.com/events-app

Mobile App Developer: Building Community Connections

Passionate about creating user-friendly mobile experiences, I contributed to a local business spotlighting app. Key skills:

- Front-End Development:
 - Designed mobile app interfaces using React Native, Expo, and Figma.
 - Focused on intuitive user experience and visual appeal.
- Back-End Development:
 - Developed a database using Google Firebase and Supabase (PostgreSQL).
 - Managed data storage and retrieval for effective app functionality.
- Communication & Collaboration:
 - Maintained consistent communication with client, providing progress updates and feedback.
 - Worked effectively within a small student development team.

Volunteering

Einstein Project

June 2021

Aquatics Robotics Volunteer

UW Green Bay

🔗 https://www.uwgb.edu/camps/aquatic-robotics

Assisted in a week long aquatics robotics camp where students built their own underwater tethered rovers and controllers from dc motors, ethernet cables, spare electrical wire, and various readily available materials procured by the Einstein Project.

References

References Available Upon Request