

YVONNE MIRAL

SOFTWARE DEVELOPER

Iligan City, Philippines • +639268264855 • yvonne.miral@gmail.com

<https://yvonnemiral.github.io/>

SUMMARY

Passionate Web Developer with a strong foundation in programming, UI/UX design, and database management. Committed to building responsive, user-focused web applications and contributing creative, efficient solutions to development projects.

WORK EXPERIENCE

Project Technical Specialist I

January 2025 - Present

Mindanao State University - Iligan Institute of Technology

- Developed and maintained the organization's official website.
- Assisted in building and optimizing internal software systems.
- Provided technical support and performed system maintenance.
- Prepared technical documentation, reports, and presentations.

Research Assistant

August 2024 - December 2024

Mindanao State University - Iligan Institute of Technology

- Developed and maintained a research project website.
- Integrated database data for real-time website display.
- Participated in meetings and supported research activities.

Video Editor

2024

BFJ Studios (Internship)

- Edited travel content for Instagram, TikTok, Facebook, and YouTube.
- Created engaging videos showcasing travel adventures.
- Produced content that inspired and connected with global audiences.

Real Estate Marketing Assistant

Freelance

- Create and post ads on social media and listing platforms (Facebook, Craigslist, Instagram, LinkedIn, MHVillage, etc.)
 - Monitor ads to make sure they stay active and follow each site's posting policies
 - Help generate leads (potential buyers) from those ads
 - Support in promoting affordable housing options and financing programs offered by the business
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EDUCATION

Bachelor of Science in Computer Application major in Internet of Things

2020 - July 2024

- Mindanao State University Iligan Institute of Technology
- Magna Cum Laude

Information Technology

2018 - 2020

- Iligan Computer Institute
- With High Honor

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HARD SKILLS

Programming Languages

- C, C++, C#, Java, JavaScript, Python, Scala, PHP, HTML5, CSS

Frameworks & Libraries

- .NET, Node.js, React, React Query, Vue.js, Vuetify, TailwindCSS, Bootstrap, jQuery, Vite, Chart.js

Databases

- MySQL, MongoDB, PostgreSQL

Tools & Platforms

- GitHub, XAMPP, Apache, Cisco, Trello

Data Science & AI

- Pandas, NumPy, TensorFlow, Anaconda, Computer Vision

Design & Multimedia

- Figma, Canva, Adobe Photoshop, Adobe Premiere Pro, Adobe Lightroom, CapCut, InVideo AI

Specialized Skill

- Lead generation
 - Online Marketing
 - Microsoft Office Suite
 - Market Research
 - Email and Calendar Management
 - Canva and Basic Graphic Design
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SOFT SKILLS

- Adaptability and Flexibility
 - Strong Organizational Skills
 - Effective Time Management
 - Professionalism and Reliability
 - Attention to Detail and Accuracy
 - Positive and Proactive Attitude
 - Excellent Teamwork and Collaboration
 - Creative and Resourceful Problem-Solving
 - Analytical Thinking and Decision-Making
 - Clear Communication and Documentation Skills
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REFERENCES

DR. CARL JOHN O. SALAAN

Director of Center for Mechatronics and Robotics

Iligan City, Philippines

+639171131715

BRYAN JUANICO

Chief Executive Officer of BFJ Studios

Cebu City, Philippines

DIEGO FERNANDO GÓMEZ DÍAZ

San antonio, Texas

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PROJECTS

Developing a Smart Drainage Waste Management and Notification System:

Innovating Sustainable Urban Waste Management (A Thesis)

- Developed an IoT-based Smart Drainage Waste Management System to enhance waste collection efficiency and support sustainable urban development.

Infraspex (DOST-Funded Project)

- An AI-powered infrastructure management platform that uses drones and LiDAR technology for crack detection and distress analysis, generating automated reports to support efficient monitoring and maintenance of structural assets.

Centralized Weather Prediction and Monitoring System for Flood-Prone Cities

(DOST-Funded Project)

- A system that collects weather and water-level data from multiple stations across Iligan City to enable real-time monitoring and forecasting for improved flood preparedness and response.

Object Detection (College project - Artificial Intelligent System)

- Developed and trained an image processing model using YOLOv8 and Edge Impulse to detect and classify different individuals through real-time object detection.

Medisync (College project - A Start Up)

- A healthcare technology startup that integrates medical smartwatches to monitor patients' health conditions in real time, enabling direct doctor consultations, appointment scheduling, and remote access to patient health data.

Sumobot Competition (College project - Robotics)

- Designed and built a sumo robot using microcontrollers, ultrasonic, and IR sensors; achieved 4th place out of 8 teams in the competition.