

# YVONNE MIRAL

## SOFTWARE DEVELOPER

Iligan City, Philippines • +639268264855 • yvonne.miral@gmail.com  
<https://yvonnemiral.github.io/YvonneMiral/>

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### 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.

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### 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  
+12105848847

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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.