

# JAMES IVAN MINGARINE

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+63 945 665 6707 | mingarine.jamesivan.c@gmail.com | [tinyurl.com/LinkedIn-IvanM](https://tinyurl.com/LinkedIn-IvanM)

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## OBJECTIVE

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I am a passionate and results-driven web developer with a strong focus on creating effective and user-friendly solutions. My experience spans a variety of projects where I have contributed to both the design and development phases, always aiming to improve functionality and user experience. I am adaptable, thrive in collaborative environments, and continuously seek opportunities to learn and grow in the ever-evolving tech industry.

## TECHNICAL PROFICIENCIES

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### Programming Languages:

- Python | JavaScript | C++

### Front-end Development:

- HTML | CSS | JavaScript

### Web Frameworks:

- Django | Bootstrap

### Version Control:

- Git | GitHub

### Database Management:

- MySQL

### Networking:

- Basic Troubleshooting | Cisco Packet Tracer

### Cybersecurity:

- Vulnerability Assessment | Cybersecurity Awareness

## EDUCATION

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**Bachelor of Science in Information Technology** 2020 – 2024

- o Lyceum-Northwestern University, Main Campus

**TVL – Information and Communication Technology** 2018 – 2022

- o Lyceum-Northwestern University, Main Campus

## OJT (on-the-job training)

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**IT-Technical Support Group**, Lyceum-Northwestern University, Main Campus

- o Provided technical support focusing on network troubleshooting and maintenance

## LEADERSHIP AND TEAMWORK

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- Former Governor of the L-NU CICS Student Council, actively contributing to student representation and governance.
- Team Captain of Team Sudobyte, leading the group in various competitions during college, fostering collaboration and innovation.

## ACHIEVEMENTS

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### HackForGov3 Capture-the-Flag Cyber Challenge 2024, DICT

- 2<sup>nd</sup> Runner-up

### Startup Ideation Hackathon 2023, UPICT

- Best Startup Pitch

### HackForGov2 Capture-the-Flag Cyber Challenge 2023, DICT

- Regional Qualifier

## WEB DEVELOPMENT PROJECTS

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### ParentLinkED: Parent-Child Portal La Salette School

(2024)

- Developed a portal for guardians and instructors to monitor student grades, attendance, and communicate directly.
- Utilized Django for backend functionality and Bootstrap and JavaScript for front-end design, ensuring responsive layouts.
- Managed database operations using MySQL, focusing on efficiency and scalability.
- Integrated messaging features for real-time communication between users.

### EventMaster: Seamless Event Planning Solution

(2024)

- Built a web-based system allowing users to book services and communicate with service providers.
- Implemented full-stack functionality with Django, JavaScript, and MySQL.
- Integrated a chat feature for seamless customer-service provider communication.

### Infirmary Management System for Lyceum-Northwestern University

(2024)

- Developed a comprehensive system to manage student and employee health records efficiently.
- Enabled online appointment requests and medical certificate requests for convenience.
- Implemented an inventory management feature for tracking medicines administered to patients.
- Maintained logs of patient visits to the clinic for better health monitoring and record-keeping.
- Leveraged Django for backend operations and a user-friendly interface using Bootstrap and JavaScript, with MySQL for secure data storage.

### **PangasinanExpo: Travel Destination and Staycation Booking System**

(2024)

- Developed a platform to showcase tourist spots in Pangasinan, complete with user reviews and testimonials.
- Integrated a mapping feature that offers directions and estimated time of arrival (ETA) to selected tourist destinations based on the user's current location.
- Implemented functionality for users to discover nearby hotels and transient accommodations, allowing them to book their stay directly through the platform.
- Utilized Django for backend development, MySQL for database management, and a responsive design with Bootstrap and JavaScript, ensuring an intuitive user experience.

### **Automated Document Processing System for L-NU ACAD Office**

(2024)

- Developed a system that allows students to settle their IP (In Progress) grades efficiently and enables employees to request leave.
- Implemented a secure form that generates a QR code upon request approval for verification purposes.
- Enhanced security with two-factor authentication (2FA) to protect sensitive information and ensure secure access.
- Utilized Django for backend development and MySQL for database management.

### **RFID Attendance Monitoring System for L-NU CICS**

(2023)

- Developed a system that records student attendance based on the subject and scheduled time.
- Attendance records are accessible to instructors for each specific subject.
- Students can only use their RFID cards to record attendance if they are currently enrolled in the subject during the designated time; otherwise, the system will not register their attendance.
- Utilized Django for backend development, MySQL for database management, and a responsive design with Bootstrap and JavaScript, ensuring an intuitive user experience.

### **Queuing Management System for Lingayen Terminal**

- Developed a web-based queuing management system to streamline the ticketing process.
- Implemented functionality for ticket creation, allowing users to reserve their place in line efficiently.
- Integrated real-time queue updates, enabling users to see the current status of the line and any changes instantly.
- Utilized Django for backend development, MySQL for database management, and Bootstrap and JavaScript for a responsive user interface, ensuring an intuitive experience for users.

## Centralized Hotel Management System for Hotel LeDuc

(2023)

- Developed a comprehensive system to streamline hotel operations, featuring billing and invoicing, online ordering for the restaurant, reservation and booking capabilities, and report generation.
- Implemented employee profiling, inventory management, guest profile management, and check-in/check-out processes to enhance guest experience.
- Utilized Django for backend development, MySQL for database management, and Bootstrap and JavaScript for a responsive user interface.

## CERTIFICATIONS ([tinyurl.com/Certificates-JIM](https://tinyurl.com/Certificates-JIM))

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### ***OPSWAT Cybersecurity Fundamentals Associate***

- OPSWAT ACADEMY, July 2024

### ***Introduction to Critical Infrastructure Protection***

- OPSWAT ACADEMY, June 2024

### ***Certificate of Participation***

- HackForGov3 2024 Capture-the-Flag Competition, DICT, June 2024

### ***Certificate of Participation***

- Startup Ideation Hackathon 2023, UPICT, June 2023

### ***Certificate of Participation***

- HackForGov2 2023 Capture-the-Flag Competition, DICT, August 2023

### ***Certificate of Participation***

- Google DevFest 2023 Baguio City, GDG Baguio, November 2023

### ***Introduction to Packet Tracer Certificate of Completion***

- CISCO Networking Academy, February 2024

### ***Networking Essentials Certificate of Course Completion***

- CISCO Networking Academy, December 2022

### ***Network Addressing and Basic Troubleshooting Certificate of Course Completion***

- CISCO Networking Academy, December 2022