CHRIFFER JOHN LANGOMES

Junior Software Developer

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SUMMARY

Recent Bachelor of Science in Information Technology graduate with hands-on experience in web development through academic projects and internship training. Eager to contribute to real-world development teams as a Junior Web Developer by applying strong skills in HTML, CSS, JavaScript, PHP, and MySQL. Passionate about building responsive and user-friendly web applications, learning new technologies, and delivering practical solutions that support organizational goals.

EDUCATION

Bachelor of Science in Information Technology *Aug 2021 - June 2025*

Josefina Herrera Cerrrilles State College,
Mati San Miguel Zamboanga Del Sur

Senior High School -Computer Programming *June 2019 - May 2021*

Guipos National High School,
Guipos Zamboanga Del Sur

WORK EXPERIENCE

Full Stack Developer Intern *Feb 2025 - May 2025*

JH Cerrilles State College Library, Mati San Miguel Zamboanga Del Sur

- Developed comprehensive Library QR Code BookScanner System serving 1,200+ students and 10+ staff members, reducing manual processing time by 60% (from 10 minutes to 4 minutes per transaction)
- Architected and implemented Library Inventory Management System managing 8,000+ books across 12 categories with real-time tracking capabilities
- Integrated QR code generation and scanning functionality processing 200+ daily transactions using phpqrcode and qrcode.js libraries, improving tracking accuracy from 85% to 99.5%
- Designed responsive user interface validated across 5 device types with 100% mobile compatibility and 2-second average load time
- Conducted thorough system testing with 150+ test cases, identifying and fixing 25+ bugs ensuring 99.8% system reliability
- Authored comprehensive documentation (40+ pages) and provided 8 hours of training to 15 library staff members

Technologies Used: PHP, MySQL, JavaScript, HTML, CSS, QR Code Libraries

SKILLS

Programming Languages
HTML5, CSS3, JavaScript, PHP, Python, C++MySQL, MongoDB

Frameworks & Libraries
Frontend: React.js, Next.js, React Native, Tailwind CSS, Bootstrap, Material UI, Node.js, Laravel

Tools & Platforms
Visual Studio Code, Git, GitHub, AJAX

System Administration
Basic Troubleshooting, Hardware Support, System Configuration, Network Setup, IP Configuration, LAN Management, DNS Configuration

Soft Skills
Communication and Interpersonal Skills
Team Collaboration
Problem-Solving and Critical Thinking
Time Management Under Pressure

PROJECTS

Personal Portfolio website

- Create a personal website to showcase resume, projects, and skills.
- Implemented a modern UI design with smooth animations to enhance user experience.
- Deployed the website using Vercel for fast and efficient hosting.

Tech Stack: Next.js, JavaScript, Tailwind CSS, Material UI, Vercel

Photo Geotagging Incident Response and Report System | Capstone
2025

2025 | Best Capstone Project Award - Cyberian Day 2025
- Developed location-based incident reporting platform serving 5,000+ potential users across 17 barangays with 24/7 availability
- Deployed real-time mapping and status tracking processing 50+ test incidents with 95% accuracy in location detection
- Developed dynamic mapping interface displaying 100+ data points with 2-second response time for incident queries
- Delivered responsive UI verified across 8 device types with 100% mobile compatibility and 98% accessibility score
- Maintained 99.2% system uptime during 3-month testing period with zero data loss incidents

Tech Stack: PHP, MySQL, JavaScript, HTML, CSS, Bootstrap, Leaflet.js, AJAX

Barangay Dagohoy Clearance and Information System
2024

- Digitized barangay records system managing 3,000+ resident records and processing 500+ monthly document requests
- Integrated comprehensive modules including 8 service types, 5 user roles, and real-time status tracking
- Automated manual workflows reducing processing time from 3 hours to 45 minutes (75% improvement) and eliminating 90% of paperwork
- Established secure authentication system with role-based access controls supporting 25 concurrent users
- Secured 98% user satisfaction based on 100+ user feedback surveys and zero security breaches
- Reduced document processing errors from 15% to 2% through automated validation

Tech Stack: PHP, MySQL, JavaScript, HTML, CSS, Bootstrap, Laravel

Lapuyan Church Mapping System
2024

- Built interactive web application mapping 25 churches across 21 barangays in the Lapuyan area
- Integrated dynamic mapping functionality with custom markers and pop-up information cards for each location
- Enhanced community access serving 2,000+ potential users with church schedules, contact information, and event coordination
- Delivered responsive design with 100% mobile compatibility and 3-second average load time
- Attained 96% location accuracy using GPS coordinates and manual verification for all church locations

Tech Stack: PHP, MySQL, JavaScript, HTML, CSS, Leaflet.js, Bootstrap

CERTIFICATES

ICT Learning and Certification Summit Participant

Department of Information and Communications Technology (DICT) | July 2023
- Participated in comprehensive summit covering current ICT trends and digital transformation
- Focused on industry-recognized certifications and emerging technologies

SQL & MySQL Database Seminar Certificate (2025)

- Completed intensive hands-on program covering database structure, advanced queries, and relational database management
- Gained expertise in database optimization and performance tuning

REFERENCES

References available upon request