Ruel Miguel Diaz
Web & Software Developer | UI/UX Designer

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Marga, Tubod, Surigao del Norte, 8406, Philippines

Results-driven Web Developer specializing in Software Development, responsive UI/UX design, and relational database management. Proficient in Laravel, CodeIgniter, Vue.js, and MySQL, with a track record of building secure, scalable, and high-performance applications. Skilled in QA testing and technical documentation, with a strong ability to translate business requirements into intuitive, data-driven solutions.

Work Experience

Web Developer (Intern) | *Feb 2025 - May 2025*

Split Second Software Services Corporation | Casisang, Malaybalay City, Bukidnon, Philippines

- Developed a web application for the company's platform.
- Created MCQs and assisted in survey testing and QA activities.
- Worked on front-end design, back-end logic, and databases.
- Collaborated using GitHub for version control and teamwork.

Key Projects

Web Applications

- **Document Management System** – Developed in ASP.NET & MySQL, enabling secure file storage, quick retrieval, and role-based access control.
- **Boarding House Management System** – Engineered a tenant and billing management platform using ASP.NET & MySQL to automate payments and reports.
- **Journal of Science** – Built a CodeIgniter & MySQL web system supporting digital journal publication, content workflows, and user management.
- **Web-Based Appointment & Management System (Capstone Project)** – Designed and deployed in Laravel & MySQL, streamlining patient scheduling, records, and clinic operations.
- **Image Editor** – Implemented with Vue.js & MySQL, featuring advanced tools (lasso, poly-lasso, brush) for real-time interactive image editing.

Desktop Applications

- **POS and Inventory System** – Built in VB.NET & MySQL, optimizing sales processing, inventory tracking, and generating real-time reports.
- **Hotel Reservation System** – Designed with VB.NET & MySQL, automating bookings, payments, and room availability management.

UI/UX Design Projects
- **DateDash App** – Designed mobile-first UI/UX in Figma for a dating app, delivering intuitive flows, wireframes, and prototypes.
- **DM Resto (POS and Inventory System)** – Redesigned the POS system's interface in Figma to enhance usability, speed, and operator efficiency.
- **Wine Price Edge Solution** – Created UI/UX concept for a wine price comparison platform, emphasizing automation, clean design, and data visualization.

Volunteer Experience

DEVCON Philippines – Bukidnon Chapter | *2024 - Present*

Stage Manager Committee Member – NASA Space Apps Challenge 2024: Coordinated stage activities, managed event flow, and supported organizers to ensure smooth presentations and judging sessions.

Stage Manager Committee Member - Bukidnon Inter-College Technology Competition (BICTC): Handled stage flow and program schedules, provided technical support, and ensured smooth execution of presentations and competitions.

Developer & Designer – Techstars Startup Weekend Bukidnon 6: Built prototype applications in fast-paced, collaborative startup environment.

Front End Developer – Bukidnon Business Summit (BUKFEST 2025) - Developed and optimized the official event website, implementing responsive UI and seamless ticketing integration to enhance user experience and streamline registration.

Core Skills

Soft Skills: Emotional Intelligence, Analytical Problem-Solving, Team Collaboration, Adaptability, Detail-Oriented Execution

Web & Software Development: Full-Stack Development, MVC Architecture, Responsive Web Design

Languages & Frameworks: PHP (Laravel, CodeIgniter), ASP.NET, VB.NET, Java, Python, JavaScript (Vue.js, React.js)

Databases: MySQL, PostgreSQL, Database Design, Query Optimization

UI/UX & Tools: Figma, Flutter, Wireframing, Prototyping, User-Centered Design

Version Control & Collaboration: Git, GitHub, CI/CD, Code Review, Team-Based Development

Testing & Quality Assurance: Unit Testing, Debugging, QA Testing, Security Assessment

Education

Central Mindanao University | *2021 – 2025*

Bachelor of Science in Information Technology - Major in Software Development