



RICARDO R. MANDIGMA

Pasig City, Philippines | +63 915 711 0763 | ricky.mandigma@gmail.com

PROFESSIONAL SUMMARY

API and Front-End Developer with over 10 years of experience building secure, efficient, and scalable web applications using .NET, and modern JavaScript frameworks. Proficient in engineering robust backend APIs with C# and Python, as well as crafting dynamic client-side interfaces using AngularJS and modern front-end tooling. Founder of One8Web Technologies, specializing in custom WordPress site architecture and SME solutions.

TECHNICAL SKILLS

- **Backend & API Development:** C#, .NET Core / .NET Framework, Python, Swagger/OpenAPI, Postman, SonarQube
- **Front-End Development:** AngularJS, JavaScript, HTML5, CSS3, UI/UX Implementation, Responsive Web Design
- **Cloud & Databases:** Microsoft Azure, SQL / Relational Databases, Server Connections
- **CMS & Hosting:** WordPress, Elementor, Custom Theme Development, Domain Setup, FTP/cPanel Management
- **Methodologies & Tools:** Git, Agile/Scrum Collaboration, Performance Optimization, SEO Best Practices

PROFESSIONAL EXPERIENCE

API Developer | *Independent / Client Projects* (2023 – Present)

- **Architected & Maintained APIs:** Designed, built, and versioned scalable APIs using C# and Python to support both web and mobile client applications.
- **Database & Cloud Integration:** Integrated backend microservices with relational SQL databases, Azure Cloud Services, and third-party APIs.
- **Performance Tuning:** Monitored system metrics, logs, and user feedback to maintain high operational availability and reliability.
- **Technical Documentation:** Authored comprehensive technical specs, including detailed Swagger documentation and Postman collections, streamlining cross-team integration.

Key Achievements:

- **Optimized API performance:** Improved response time through targeted SQL query tuning and strategic caching.
- **Endpoint management:** Tagged inactive endpoints from old versions no longer required by consumers.
- **Automation testing:** Developed Playwright UI automation to test large volumes of endpoints.
- **Code quality improvement:** Cleaned up core APIs and resolved technical debt identified in Sonar.

Front-End Developer | *Independent / Client Projects* (2019 – 2022)

- **UI/UX Implementation:** Built responsive, interactive front-end applications using AngularJS, integrated directly with .NET APIs.
- **Full-Stack Support:** Contributed to backend C# development, managing server configurations and optimizing database connectivity.
- **Cross-Functional Collaboration:** Partnered with Business Analysts, Product Owners, and UI designers to ensure milestone delivery aligned with requirements.

Founder & WordPress Specialist | *One8Web Technologies* (2018 – Present)

- **Full Lifecycle Web Development:** Converted custom UI/UX mockups into fully responsive WordPress sites using Elementor, shortcodes, and custom PHP widgets.
- **Infrastructure Management:** Managed domain name registrations, FTP, server environments, and database migrations for business clients.
- **Optimization & Security:** Implemented comprehensive site security protocols, ongoing backup systems, regular updates, and technical SEO/performance optimizations.
- **Key Achievement:** Successfully launched 25+ WordPress websites for small-to-medium enterprises, significantly boosting clients' digital presence and lead conversion.

Graphics Designer | *Independent / Client Projects* (2016 – Present)

- **Graphic design:** Created posters and social media visuals using Photoshop and Figma.
- **Video editing:** Edited promotional and social content with CapCut.

EDUCATION

Bachelor of Science in Information Technology | *STI College Cubao*

- **Core Focus:** Software Development, Database Administration, Web Architecture, Systems Analysis.