

# John Rafael P. Masilungan *Software Engineer*

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 johannus22  John Rafael Masilungan  John Rafael Masilungan

## EDUCATION

**Manuel S. Enverga University Foundation Candelaria Inc,** *Bachelor of Science in Computer Science*

## PROFESSIONAL EXPERIENCE

### Freelance Developer

09/2024 – present

- Collaborated with an international client (e.g., QFC Real Estate, San Diego) to build scalable, client-specific web applications using modern frameworks like React and Next.js
- Built and deployed 4+ full-stack applications, including tools for real-time collaboration (SyncPaste).
- Commissioned by STEM and ICT Students in their capstone theses e.g arduino code and building, website design and development.
- Maintained clean, readable codebases and documentation to support handover and future maintenance

## PROJECTS MADE SO FAR

### QFC Website, <https://qfc-web.vercel.app> (Preview)

- Collaborated with a San Diego-based real estate agency to develop a custom marketing site, increasing client engagement by delivering a tailored CMS-backed platform
- Engineered using Next.js, React, PayloadCMS, TailwindCSS, and PostgreSQL; achieved <200ms response times on core pages

### SyncPaste, <https://syncpaste.vercel.app> (Live Site)

- Built a lightweight, real-time cross-platform copy-pasting tool, enabling seamless data transfer between multiple devices
- Integrated Pusher for real-time sync and Supabase for persistent storage; reached 300+ pastes within first two weeks

### Movie Radar, <https://movie-radar-jsm.vercel.app> (Live site)

- Developed a movie search app using React and IMDb API, featuring trending search persistence with Appwrite (BaaS)
- Completed as part of JavaScript Mastery's curriculum; improved search performance by implementing lazy loading and optimized queries

### Auxilium, *Undergrad Thesis Project*

- Led the development of a disaster communication system for the Candelaria DRRMO, enhancing early warning outreach by automating SMS alerts to at-risk households
- Built with PHP, MySQL, and SMS API; system can handle 1,000+ family profiles with secure role-based access

## SKILLS

### Languages

PHP, C, C++, Javascript, Typescript, Go, HTML & CSS, SQL

### Tools

Git, Github Actions, RESTful API, MySQL, SQLite, Vercel, VS Code, Cursor, Docker, AI

### Frameworks & Libraries

Laravel, Next.js, React, TailwindCSS, Livewire, Blade, react-spring, Vue.js.

### Soft Skills

Adaptability to new tech, collaboration ,problem-solving, attention to detail

## CERTIFICATES

### Web Development Fundamentals

Completed the course from IBM SkillsBuild