

MICHAEL TUPAS CARDOSE

WEB DEVELOPER / FRONT-END DEVELOPER

CONTACT

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Alasasin Mariveles Bataan Phillippines

TECHNICAL EXPERTISE

Frontend Development

- JavaScript (ES6+), TypeScript
- React.js, Next.js, Vue.js
- HTML5, CSS3, Tailwind CSS

UI/UX & Interactive Design

- UI Libraries: shadcn/ui, Aceternity UI
- Animations: Framer Motion
- Responsive Design: Mobile-first development, cross-browser compatibility

Performance Optimization

- Core Web Vitals: Lazy loading, code splitting
- Image Optimization: WebP conversion
- Lighthouse & PageSpeed Insights improvements

CMS & Backend Integration

- Headless CMS: Sanity.io, WordPress (custom themes/plugins)

SEO & Analytics

- Technical SEO: Meta tags, structured data, sitemaps
- Google Tools: GA4, GTM, Search Console

Tools & Workflow

- Version Control: Git, GitHub
- Build Tools: npm, pnpm, Vite, Webpack

Build Tools & Performance

- Modern Tooling: Vite, Webpack
- Package Managers: npm, pnpm

PROGRAMMING LANGUAGE

- JavaScript
- C++
- COBOL
- Visual Basic
- Java

WORK EXPERIENCE

Front-End Developer

Central One Bataan Inc.

April 05 2024 - August 10 2024
Retrenched

Key Responsibilities & Technical Contributions

Web Development & Management

- Frontend Development: Built and maintained responsive websites using:
 - Core Web Technologies: HTML, CSS, Vanilla JavaScript + TypeScript
 - Frameworks/Libraries: React.js, Next.js (TypeScript), Vue.js
 - Styling: Tailwind CSS
 - CMS Integration: Sanity (for headless content management in Next.js & React.js)
 - WordPress: Custom themes/plugins and site management

Performance & Optimization

- Speed Optimization: Improved page load times via code splitting, lazy loading, and efficient bundling.
- Image Optimization: Compressed and delivered modern formats (WebP) for faster rendering.
- Mobile Responsiveness: Ensured cross-device compatibility with responsive design principles.

SEO & Analytics Implementation

- Technical SEO:
 - Implemented meta tags, structured data (Schema.org), XML sitemaps, and robots.txt.
 - Managed Google Search Console integration (site verification, indexing control).
- Tracking & Analytics:
 - Configured Google Analytics 4 (GA4) for user behavior tracking.
 - Deployed Google Tag Manager (GTM) for event tracking without code deploys.

Front-End Developer

Freelancing

August 12 2024 - Current
absorbed by my previous companies' client

Key Responsibilities & Technical Contributions

Web Development & Management

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 - Core Web Technologies: HTML, CSS, Vanilla JavaScript + TypeScript
 - Frameworks/Libraries: React.js, Next.js (TypeScript), Vue.js
 - Styling: Tailwind CSS
 - UI Libraries: shadcn/ui (customizable components), Framer Motion (animations/micro-interactions), Aceternity UI (modern React components)
 - CMS Integration: Sanity (for headless content management in Next.js & React.js)
 - WordPress: Custom themes/plugins and site management

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DATABASE

Non-Relational Database

- MongoDB

Relational Database

- Microsoft SQL
- MySQL

WEB DEVELOPMENT

- HTML, CSS, JavaScript + TypeScript

Front-end Frameworks/Libraries:

- NextJS, ReactJS, VueJS

Back-end Technologies:

- Framework - ExpressJS
- Runtime - Node.js
- API Development - REST

Styling:

- Tailwind CSS

UI Libraries:

- shadcn/ui
- Framer Motion
- Aceternity UI

CMS:

- Sanity

OPTIMIZATION

Speed Optimization

Image Optimization

Mobile Responsiveness

BASIC SEO

- Meta Tags, Schema, Sitemaps, Robots
- Google Tags, Google Analytics

WORDPRESS DEVELOPMENT

- Elementor
- Divi Builder
- Astra

VERSION CONTROL

- Git
- Github

WEB HOSTING

Vercel

Digital Ocean Server - Linux Based

- Putty, Putty Gen
- SSH key
- WinSCP
- PM2
- Nginx

OTHER SKILLS

- Troubleshooting Skills
- Photoshop, Figma, Canva
- Wireframing
- Basic Knowledge with UX/UI designing

TRAININGS

Full Stack Training - MERN

ASG Platform

March 2023 - June 2023

- Web Application Project using NodeJS, ExpressJS, ReactJS, MongoDB.
- Digital Ocean Server - Hosting
- Learning JavaScript, HTML5, CSS3, Git, MongoDB, NodeJS, NodeJS Security, NodeJS and ExpressJS Restful APIs, ReactJS Hooks, State Management and Redux, Puppeteer.

EDUCATION

Polytechnic University of the Philippines

Bachelor of Science in Information Technology

2017 - 2021

Internship

Barangay Alasasin

July - September 2021

University Projects

Library System

- Using Java Programming Language and MySQL.

iTech Payroll System

- Payroll system with time in/out and HR Management System.
- Using Visual Basic Programming Language and Microsoft DBMS.

iChurch

- RFID Attendance Management system with HR Management System and SMS Messaging via sms messaging .apk (Prototype).
- Using Visual Basic Programming Language and Microsoft DBMS.

PROJECTS

AudioScribe - Web Application

<https://github.com/Michaelcarduce/AudioScribe4.git>

Web Application project for my previous working assessment that has Text-to-Speech, Speech-to-Text, Remove/Replace Audio from Video, Registration and Login, Password Encryption, Displaying Users Information with Chakra UI functionalities using Node js, Express js, React js, MongoDB and Digital Ocean Server for Deployment

MERN Chat Application

<https://github.com/Michaelcarduce/Chat-App.git>

Chat Application using Node js, Express js, React js, MongoDB and socketio for real time communication and notification (self study)

Portfolio Website

<https://michael-cardose.vercel.app/>

Core Framework:

- Next.js with React for server-side rendering and component-based architecture
- TypeScript for type-safe development

Styling & UI:

- Tailwind CSS
- Shadcn/ui for accessible UI components
- Framer Motion (v11) and React Spring (@react-spring/three) for animations

3D & Interactive Elements:

- Three.js (with @react-three/fiber and @react-three/drei) for 3D rendering
- Three-Globe for geographic visualizations

State & Theming:

- Next-Themes for dark/light mode toggle

Build & Deployment:

- Vercel for hosting and CI/CD