

Adrian Karlo D. Siangco

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PROFESSIONAL SUMMARY

Full Stack Developer specializing in scalable web applications using React, TypeScript, and Django REST Framework. Experienced in designing, building, and deploying production-ready systems with structured APIs, database modeling, and cloud-based deployment workflows. Strong focus on performance, maintainability, and real-world application architecture. Currently in the last semester of completing my Master's degree in Information Technology in the Philippines. Flexible in working across different time zones to support remote and international teams.

PROJECT | DEVELOPMENT EXPERIENCE

Full Stack Developer – Chauffeur Management System (Prototype) | 2026

- Designed and developed a full-stack chauffeur management system for the transportation and limousine industry.
- Built a responsive customer booking portal using React, TypeScript, and Tailwind CSS.
- Developed RESTful APIs using Django REST Framework to manage booking workflows and customer data.
- Integrated Google Maps API for airport and location autocomplete.
- Implemented Google Distance Matrix API for distance calculator and travel time estimation.
- Implemented customer phone number recognition with automated data retrieval for returning clients.
- Designed structured database models supporting trip status tracking (Pending, Confirmed, Completed, Cancelled).
- Designed the system to support scalable dispatch and future chauffeur assignment workflows.
- Deployed the frontend on Vercel and backend on Render.

Demo Link: <https://booking-management-system-blue.vercel.app/>

GitHub Repo:

- Frontend: <https://github.com/mit-adrian/booking-management-system>
- Backend: <https://github.com/mit-adrian/booking-management-system-backend>

Frontend Developer – Website Revamp Project (Client-Based Submission) | 2026

- Redesigned and rebuilt a client-facing website focused on engagement and conversion optimization.
- Developed an interactive dominance scorecard system to increase user interaction.
- Implemented conditional result logic with partial reveal strategy to drive newsletter signups
- Structured high-conversion promotional sections based on marketing goals.

Demo Link: <https://quick-revamp-and-sample-scorecard.vercel.app/>

GitHub Repo: <https://github.com/mit-adrian/quick-revamp-and-sample-scorecard>

Frontend Developer – [Pro Bono] Responsive E-Commerce Platform | 2026

- Designed and developed a responsive e-commerce interface tailored to a local retail business
- Structured scalable product categorization (dog/cat food, toys, accessories)
- Built reusable product components and modular layout architecture
- Designed UI structure prepared for future cart and checkout system integration
- Implemented structured Git workflow (main, development, feature branches)
- Managed repository using collaboration-ready version control practices

Demo Link: <https://hustlehard-e-commerce.vercel.app/>

TECHNICAL SKILLS

Programming & Frameworks

- JavaScript (ES6+)
- TypeScript
- React
- Next.js
- Node.js
- Tailwind CSS

Backend & Architecture

- Django REST Framework
- REST API design & integration

- Authentication & Authorization (including RBAC)
- Database design & integration (MySQL, PostgreSQL, MongoDB)
- Server-side rendering (SSR)
- API route structuring
- Data validation & form handling

Deployment & Infrastructure

- Vercel deployment
- VPS deployment
- Domain & DNS configuration
- SSL/TLS setup
- Environment configuration

Tools

- Git & GitHub
- Docker
- Postman
- VSCode
- Figma

EDUCATION

Master in Information Technology | 2024 - Present

University of Science and Technology of Southern Philippines
Cagayan de Oro City, Philippines

Bachelor of Science in Information Technology | 2022

University of Science and Technology of Southern Philippines
Cagayan de Oro City, Philippines