



FREDERICK CABRERA

Full Stack Developer

About Me

Full-stack developer with 10 years of experience building production web applications with React, TypeScript, Vue, PHP, and Laravel. Strong in PostgreSQL, MySQL, and MariaDB, with experience coordinating distributed teams and serving as Scrum Lead.



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<https://frdrckcabrera.github.io>



Filipino, English

EDUCATION

Polytechnic University of the Philippines

BS in Information Technology
2011-2015

TECHNOLOGY STACK

- React JS
- Redux
- TypeScript
- Vue JS
- Vuex
- Tailwind CSS
- PostgreSQL
- MySQL
- Redis
- Apache
- Nginx
- PHP
- Laravel
- C Sharp
- Python
- Node.js

PORTFOLIO PROJECT

- Built a portfolio-grade sales reporting platform using React, TypeScript, Node.js/NestJS, Python/FastAPI, PostgreSQL, Redis Streams, and Docker.
- Implemented authenticated REST APIs for role-based access, pagination, report job creation, status tracking, and CSV export downloads.
- Developed a Python worker that consumes Redis Streams jobs, runs PostgreSQL aggregation queries, generates CSV exports, and updates report status asynchronously.

EXPERIENCE

Full Stack Developer

Flexilabs Inc. | April 2024 - Present

- Modernized production platform interfaces with React and TypeScript while extending a SOLID-oriented PHP backend.
- Served as sole developer for a PostgreSQL SubID report that now generates roughly 500k+ rows over a 30-day range in about 30 seconds.
- Implemented scalable reporting workflows using background jobs, async generation, caching, pagination, and exports.
- Contributed to keyword and SubID bid modifier features as part of a 3-person development team.
- Collaborated with distributed teams across Australia, India, and China while serving as Scrum Lead for delivery routines.

Web Development Specialist Senior

Republic Biscuit Corporation | July 2018 - April 2024

- Built and maintained enterprise distribution systems with Laravel, Vue.js, REST APIs, and MariaDB for nationwide production operations.
- Contributed to a distribution management platform live since 2020 and supporting 2,271 users, 1,430 sales representatives, and 319,919 outlets nationwide.
- Owned key master data workflows for sales representative and outlet modules while contributing to booking entry and loading entry transactions.
- Kept master data synchronized across web, mobile app, and ERP platforms through RESTful integration workflows.
- Optimized MariaDB tables, indexes, constraints, queries, and background jobs to stabilize large data workflows.

Web Developer

Advanced Primetech Solution Inc. | Nov 2016 - June 2018

- Built Laravel 4 monolithic web applications for business workflows.
- Developed authenticated REST APIs and MySQL database schemas.
- Created responsive Bootstrap interfaces with jQuery and AJAX interactions.

Software Engineer

E-secure Technologie Inc. | August 2015 - August 2016

- Developed C# Windows applications for hardware and security system integrations.
- Worked with hardware SDKs while handling network setup and troubleshooting for customized implementations.