

Donde Lapera

Full-stack Web Application Developer

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SUMMARY

Full-stack web application developer with 12+ years of experience building reliable, delightful web applications end to end - from database and back-end APIs to polished front-end interfaces. Experienced across SaaS, carbon/climate fintech, IoT and data-heavy platforms, e-commerce, gaming, and mobile. Comfortable owning features from idea to production, and drawn to creative development, creative coding, and game development.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frameworks: SvelteKit, Next.js, Nest.js

Styling: CSS, Tailwind CSS

Creative Coding: HTML5 Canvas, p5.js, Three.js

Tools & Platforms: Git, Docker, Vercel, PostgreSQL, Claude Code

EXPERIENCE

Web Application Developer (Front-end / Back-end)

Asuene (Contractor) | May 2024 - Feb 2025

Contract full-stack work on an enterprise climate / carbon-accounting SaaS and its carbon-credit trading platform (CarbonEX).

- Asuene platform - CarbonEX back-end API integration for the corporate carbon-emissions cloud (Laravel, NestJS, Nuxt, i18n).
- CarbonEX API - carbon-credit / emissions-trading platform API (NestJS, Prisma, PostgreSQL).
- CarbonEX admin & client apps - trading-platform front-ends (Nuxt, Vue 3 Composition API).
- CarbonEX landing page & media site (Nuxt/Vue; WordPress + Tailwind CSS).

Web Application Developer (Front-end / Back-end)

42Race (Contractor) | Feb 2023 - Apr 2024

Contract full-stack work on a fitness RPG game (back-end + admin) and an event-campaign CMS.

- TinyPets - back-end API for a running/exercise RPG game with Google Maps (NestJS, Mongoose, MongoDB, Google API, SendGrid).
- TinyPets admin panel - game configuration UI (Next.js, MUI, Redux Toolkit).
- 42Campaign - lightweight CMS for client event landing pages (Express.js, Mongoose, Salesforce & UOB APIs).

Senior Full-Stack Web Application Developer

Coinspect / Therma Philippines, Inc. | Mar 2019 - Feb 2023

Senior full-stack engineer on an IoT temperature-monitoring product and related tools, spanning data-heavy dashboards and microservices.

- Therma Monitoring - flagship IoT product for sensor data management and monitoring (React, TypeScript, Express/NestJS, PostgreSQL, InfluxDB, Redis, RabbitMQ, TypeORM, microservices).
- Therma Heatmap (R&D) - 3D building heat-mapping prototype (React Three Fiber, Three.js, Blender).
- Therma Integration - connected monitoring to e-commerce and marketing tools (Serverless, AWS SQS, RabbitMQ, Shopify, HubSpot, Webflow).
- Coinspect Checklist - the company's first product, a restaurant inspection checklist (Sails.js, Node.js, PostgreSQL).

Web Application Developer (Front-end) - Freelance

Korbit.ai | Apr 2021 - Aug 2021

Freelance front-end work building an internal content-authoring platform for teachers.

- Teacher platform - internal content editor with rich-text and math input (React, Ant Design, Redux, TinyMCE, KaTeX).

Full-Stack Developer (Front-end / Back-end / Mobile)

Bluefrog Content and Support, Inc. | May 2018 - Oct 2018

Full-stack and mobile work for online-casino platforms: data buffering, live dealer streaming, and native dealer apps.

- Game data buffer - real-time casino data buffer (Node.js, Redis, MongoDB).
- Dealer live streaming - casino dealer video streaming (Node.js, FFmpeg, Electron.js, Wowza, HTML5 Canvas).
- Dealer phone app - native app for players to call dealers (iOS Swift, Android Java/Kotlin).

Web Developer (Front-end / Back-end)

DesignDeliCo | May 2017 - May 2018

Client websites and internal tooling across front-end and back-end.

- Client websites - front-end sites (Node.js, Cosmic.js, WordPress, Bootstrap).
- Internal project - back-end tooling and data crawler (Express.js, Laravel/PHP, MySQL).

Web Developer (Front-end / Back-end)

CodeRepubliq | Jul 2016 - Apr 2017

Web and mobile-API development for shopping and insurance applications.

- Blutag - mobile shopping app API (Node.js, Express, MongoDB, Elasticsearch).
- FPG Insurance - car-insurance mobile app API (Node.js, Express, MongoDB).
- EnVogue - shopping web app built through an Angular 1 to 2+ migration.

Web Developer (Front-end / Back-end)

Bluefrog Content and Support, Inc. | Mar 2015 - Jun 2016

Websites, web apps, and browser / Flash games for online-casino clients.

- Baccarat game - the company's first online casino game: Flash (AS3), then a web-based (HTML5 / CreateJS) core reused for other games.
- Client websites & back-ends - custom sites and data handlers (HTML/CSS/JS, Laravel, MySQL).

Game Developer

AZ Technical Laboratory Inc. | Nov 2014 - Jan 2015

Built desktop and mobile game prototypes in Unity.

- Company game prototypes - unreleased desktop/mobile prototypes (Unity, C#).

Web Developer (Front-end / Back-end)

Odusee Pty Ltd | Feb 2013 - Jun 2014

Built a search-engine crawler and client websites / applications.

- Search engine - crawler scripts powering the company's search (PHP).
- Client websites & apps - custom client builds (PHP, CodeIgniter, jQuery).

Web Developer (Front-end / Back-end)

Infocus Multimedia Business Solutions | Aug 2012 - Oct 2012

Corporate site maintenance and internal tooling.

- Company website - Drupal corporate site maintenance.
- Photo-tagging tool - internal tool for tagging client photos (CodeIgniter, MySQL, PHP).

Web Developer (Front-end / Back-end)

Economic Community Care | Apr 2012 - Jun 2012

Built a member-management web application for a networking company.

- Member web app - registration and downline management (CodeIgniter, MySQL, PHP).

EDUCATION

Bachelor of Science in Information Technology (BSIT)

University of Cebu | Graduated 2012

Thesis Project - Android Developer

University of Cebu | Jun 2011 - Mar 2012

Mobile application built with Eclipse IDE + Android SDK (Java).

On-the-Job Training - Web Developer (Front-end / Back-end)

St. Catherine's College | Dec 2010 - May 2011

Web application (JavaScript/jQuery, HTML/CSS/Bootstrap, PHP, CodeIgniter, MySQL).