

# CRISANDER DOLLENTAS

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## SUMMARY

Full-stack developer specializing in React and Node.js/Express with MySQL + SQL Server (SSMS). Skilled in Python ETL/automation and Power BI analytics dashboards, with additional experience in Flutter/Dart. Strong in Figma-driven UX, documentation, BEHAT QA, and cross-functional delivery; backed by multimedia design experience for marketing and packaging.

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## EDUCATION

### Technological Institute of the Philippines

Quezon City, Philippines | 2019–2023

*Bachelor of Science in Information Technology*

Built a data-driven Recipe Recommendation app, leveraging internship experience (Flutter, Node.js/SQL, React, Python) to deliver an end-to-end, production-style solution.

### Polytechnic University of the Philippines

Manila City, Philippines | 2017–2019

*SHS-Information Communication and Technology*

Developed a Java-based Government Management System web app, from requirements and UI/UX to basic frontend back-end implementation.

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## EXPERIENCE

### ONE DOCUMENT CORPORATION

Quezon City, Philippines | 2023–Present

*Junior Developer*

- Built and maintained Node.js/Express REST APIs backed by MySQL, supporting production workloads and improving reliability/performance.
- Developed React web portals for operations, reporting, and incident tracking—used by internal cooperative teams and a Philippine government agency across 60 electric cooperatives (10+ operators/shift).
- Refactored backend modules and implemented caching/CI improvements; improved p95 latency 480ms → 290ms (~40%) and increased release cadence monthly → bi-weekly.
- Automated reporting workflows using Python ETL, reducing manual work by ~12 hours/week and improving data freshness and repeatability.
- Built Power BI dashboards with 15-minute refresh for operational insights, enabling faster decisions and reducing recurring manual reporting.
- Prototyped in Figma and standardized design tokens; improved usability task success ~74% → 90% in pilot tests.
- Supported cross-platform delivery with Flutter/Dart (Android/iOS/Web) integrated with the Node + SQL backend, serving ~300 MAU.

### ONE DOCUMENT CORPORATION

Quezon City, Philippines | Feb 2023–July 2023

*Mobile Developer Intern*

- Built two production pilots: Public Market Ticketing and Parking Ticketing mobile apps in Flutter/Dart on a Laravel/PHP API.
- Implemented core flows—stall/vehicle lookup, ticket creation, fee computation, QR/Barcode scan, receipt preview/print, and role-based access.
- Added offline caching (SQLite) with background sync and robust API error handling (timeouts, retries, pagination).
- Integrated REST endpoints and documented them with Postman collections; contributed basic OpenAPI notes for

### LIMITLESS ENTERPRICE SOLUTIONS INC

Rizal, Philippines | 2020–2021

*Multimedia Designer*

- Produced 30+ packaging, label, and promotional assets that reinforced a consistent brand identity across channels.

## PROJECTS

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### NEA Digital Dashboard Command Center

*Role: Full-stack dev | Power BI, Python, React, MS SQL Server, QGIS*

- Consolidated SCADA/operational data and RTSP video into a unified, near-real-time dashboard for electric cooperatives.
- Phase 1: Built Python services for RTSP ingestion and ETL to SQL; delivered Power BI dashboards for live operations.
- Phase 2: Upgraded to a React front end and integrated QGIS map layers (assets, outages, regions); extended Python for anomaly detection, predictive analytics, and alerting—cut incident detection time by ~30%.
- Delivered end-user training for staff from 60 electric cooperatives and authored runbooks/user guides.

### KAON — Recipe Recommendation

*Role: Mobile + ML | Flutter, Dart, Firebase*

- Built a content-based recommender that suggests Filipino dishes from what users have on hand, plus preferences and dietary needs.
- Shipped a Flutter app with offline caching and a step-by-step cooking flow; used Firebase for auth, storage, and rapid MVP.
- Created an evaluation dataset and tuned ranking heuristics, increasing first-choice recipe selection by ~20% in pilot tests.

### CLOUDS: Create Loud — Clothing E-commerce

*Role: Web dev | HTML, CSS, JavaScript, PHP*

- Shipped a full shopping flow: product catalog, search/filter, cart, and order confirmation with server-side sessions.
- Built an admin module for inventory & SKU management; added basic analytics and order exports.
- Improved UX with responsive layouts and form validation; achieved ~90+ Lighthouse performance on core pages.

## SKILLS

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**Languages:** English, Filipino

**Programming Languages and Frameworks:** Flutter, Dart, Ionic (Angular), Swift, HTML, CSS, PHP, Laravel, JavaScript, Java, C++, C#, Python, React, Node.js

**Software Application:** Microsoft Office Software's, Visual Studio Code, Oracle VM VirtualBox Manager, Sublime Text, Android Studio, Weebly, jQuery, Power BI, QGIS

**Database Management:** MySQL, Oracle 10g, Firebase, Weka, Microsoft SQL Server

**Operating System:** Windows, MacOS, Linux

## CORE COMPETENCIES

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- React.js • Node.js/Express • REST APIs • SQL (PostgreSQL/MySQL) • Python (ETL, data pipelines) • Power BI (dashboards) • QGIS (map layers) • Flutter/Dart • Auth & RBAC (JWT/OAuth2) • CI/CD (GitHub Actions) • Testing (BEHAT, API) • Agile/Scrum • Figma (UI/UX)