

KENT LOZANO

ENTRY-LEVEL WEB DEVELOPER

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SUMMARY

Entry-level web developer specializing in full-stack web development with **Next.js, React, TypeScript, Prisma, and PostgreSQL**. Built and deployed **Kanbo**, a database-backed job-search tracker featuring **OAuth sign-in**, drag-and-drop kanban boards, and an analytics dashboard, alongside a responsive personal portfolio hosted on Vercel. BS in Information Technology graduate with additional manual QA internship experience testing a Laravel-based academic analytics system. Seeking an **Entry-level Web Developer, Frontend Developer, Full-Stack Developer, or Software Developer** role.

TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript (ES6+)
- **Frameworks & Libraries:** React.js, Next.js, @dnd-kit
- **HTML & CSS:** HTML5, CSS3, Responsive Design
- **Backend & Databases:** Prisma ORM, PostgreSQL, MySQL, SQL, RESTful APIs
- **Auth & Sessions:** Auth.js (GitHub/Google OAuth, database-backed sessions)
- **DevOps & Tooling:** Git, GitHub, Vercel, VS Code
- **Testing & QA:** Test Case Design, Manual & Functional Testing, Data Validation, User Acceptance Testing, Bug Reporting
- **Mobile & ML:** Flutter, Dart, TensorFlow Lite, OCR integration
- **AI-Assisted Development:** Claude Code, GitHub Copilot (scaffolding, refactoring, code review; all generated code validated against requirements)

KEY PROJECTS

Kanbo — Job-Search Kanban Tracker

2026

Personal Project — full-stack — kanbo-two.vercel.app

Next.js + TypeScript + Prisma + PostgreSQL + Auth.js

- Built a full-stack, database-backed application with **Next.js, TypeScript, Prisma, and PostgreSQL**.
- Implemented a drag-and-drop Kanban board with **@dnd-kit** and fractional-position reordering, so moving a card only rewrites that one row while the board persists to the database.
- Integrated **Auth.js v5** with GitHub/Google **OAuth** and database-backed sessions, enforcing per-user data access on every Server Action rather than trusting the client.
- Built a funnel/conversion analytics page computed from real stage-transition history, with stale-application flagging, a full dark-mode palette, and CSV export served through a REST API endpoint (**/api/export**).
- Iterated feature-by-feature with an agentic coding workflow (Claude Code), testing each change against the live app before shipping.

Personal Portfolio Website — kent-lozano.vercel.app

2025 – Present

Personal Project

Next.js + TypeScript + React + Vercel

- Built and deployed a responsive personal portfolio site with **Next.js** and **TypeScript**, hosted on Vercel with automated deployments from GitHub.

bastaFDA — Mobile Verification of FDA-Approved Products

2025 – 2026

Capstone Project (Holy Cross of Davao College)

Flutter + Dart + TensorFlow Lite + OCR + Firebase

- Developed a **Flutter** application that verifies medicine authenticity by cross-referencing **OCR** text extraction and **TensorFlow Lite** image recognition against official FDA registration data.
- Trained and integrated a **TensorFlow Lite image-classification model** for on-device identification of supported medicine products from a curated image dataset.
- Implemented the full product flow (scanning, verification, history, reporting) with **Firebase** authentication and real-time data.

WORK EXPERIENCE

HOLY CROSS OF DAVAO COLLEGE
QA Intern, Developer Track — Academic Intervention System (Laravel)

Davao City, Philippines
2026

- Performed manual QA on an academic intervention system for the Office of the VP for Academic Affairs that monitors per-course and per-professor grade trends.
- Designed and executed test cases across the system's grade-checking, analytics, and reporting features.
- Verified data accuracy of grade computations and pass/fail statistics against source academic records.
- Localized reported defects in the Laravel codebase to root causes and proposed fixes to the development team; supported user acceptance testing with academic stakeholders.

CHAT MODERATOR
Content Moderation

Remote
2024 – 2025

- Reviewed high volumes of user-generated content against platform guidelines, maintaining accuracy under strict turnaround times.
- Resolved escalated user concerns professionally in a fast-paced, metrics-driven environment.

EDUCATION

HOLY CROSS OF DAVAO COLLEGE
Bachelor of Science in Information Technology, 2020 – 2026

Davao City, Philippines

Capstone: bastaFDA — Mobile Verification of FDA-Approved Products | Coursework: Mobile Application Development, Database Management Systems, Software Engineering, Data Structures & Algorithms