Thomas Dinh Le

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SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL

Tools: React, Next.js, React Native (Expo), HTML/CSS, Tailwind CSS, REST APIs, MongoDB, MySQL, Firebase, Git, AWS

EXPERIENCE

SpreadGoodness Internship | Remote
January 2026 – Present
- Updated student-locked action buttons in **React** to stay bold and fade on hover, improving visual consistency.
- Supported new admin creation by wiring frontend forms with **Firebase** admin utilities and Git.
- Standardized hover and confirmation popups using **CSS** and **React** across desktop and mobile.
- Reviewed Firestore metrics dashboard branch, analyzing queries and structure to improve clarity and maintenance.

Homigo Startup - Software Developer | Remote
December 2025 – Present
- Developed a contractor onboarding platform using **Next.js**, **React**, and **TypeScript** to streamline contractor setup.
- Implemented a state-driven onboarding flow with validation and reusable components to reduce entry errors.
- Integrated SSO authentication, English/Spanish localization, and secure REST APIs to ensure compliant access.
- Owned the full frontend implementation of the onboarding experience from concept to production.

Veggie Rescue Internship Tech Lead | Remote
December 2025 – Present
- Led a **7-person** engineering team building a nonprofit food distribution dashboard for **70+ organizations**.
- Translate nonprofit client requirements into scoped frontend tasks and a phased roadmap using **Agile** sprints.
- Define a priority-based delivery queue to help staff decide which nonprofit should receive food next.
- Produced GitHub issues and UI specs for a Jotform–Google Sheets pipeline, streamlining data collection.

Systems Optimization Club (Tesla) - Full Stack Developer | San Luis Obispo, CA
October 2025 – Present
- Designed a custom **React Native** theming system using Context, hooks, and **TypeScript** to improve UI consistency.
- Refactored hardcoded styles into a centralized theme to improve UI consistency and maintainability.
- Built a full-screen MapScreen with **Google Maps API** and interactive UI overlays for effective navigation.
- Created reusable UI components from **Figma** designs for consistent mobile layouts.

Hack4Impact - Full Stack Developer | San Luis Obispo, CA
October 2024 – June 2025
- Worked on a responsive website for the Central Coast Heritage Tree Foundation using **React** and **Tailwind CSS.**
- Connected a **Next.js** frontend with a **MongoDB** backend via **REST APIs** for tree inventory management.
- Added a dynamic data table with **React Hooks** for smooth browsing and editing of hundreds of tree records.
- Collaborated with developers and designers to implement features like interactive maps and search filters.

TECHNICAL PROJECTS

Online Photobooth | *React, TypeScript, Next.js, Tailwind*
- Built a browser-based photobooth in React and Next.js with camera capture and live previews.
- Handled in-browser photo workflows with session-based storage and photo-strip generation.
- Enabled time-limited QR share links for secure cross-device access without accounts.
- Improved client-side performance by reducing re-renders and managing media streams.

RepNote - Gym Tracker | *React Native, Expo, TypeScript*
- Shipped a mobile-only workout planner in **React Native (Expo)** for fast daily use without accounts.
- Enabled weekly planning (Mon–Sun) with exercises storing sets, reps, weights, and notes.
- Persisted workout data locally on-device for instant load and offline access.
- Auto-detected the current day to surface today's workout with quick edits.

EDUCATION

California Polytechnic State University - San Luis Obispo, CA
September 2022 – June 2026

Bachelor of Science in Computer Science | Minor in Bioinformatics

Relevant Coursework:

Software Engineering, Databases, Operating Systems, Computer Networks, Algorithms, Artificial Intelligence