Dylan Tran

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EDUCATION

University of California, Irvine   Sep 2024 – Jun 2028
Bachelor of Science in Computer Science   *Irvine, CA*

TECHNICAL SKILLS

Languages: C++, Python, Java, TypeScript, JavaScript, HTML, CSS, SwiftUI
Frameworks & Cloud: React.js, React Native, AWS (S3, Lambda, DynamoDB, API Gateway), Firebase, Firestore
Tools & Concepts: Git, CMake, Figma, REST APIs, GraphQL, Google Test, Agile, TDD, OOP, Cursor

EXPERIENCE

Web Developer   Jul 2025 – Present
GenTalks   *Remote*
- Built and launched the GenTalks web platform that attracted and supported a community of 150+ members and 7+ mentors by developing a TypeScript/React front end (Vite, Vercel) with a Sanity-powered backend.
- Collaborated with 2 other developers to integrate dynamic announcements, Instagram, and TikTok feeds that boosted returning visitor rate by 15% by configuring RESTful APIs and automating content refresh cycles.
- Enhanced site structure and UI consistency that improved overall user experience by refactoring component hierarchy, optimizing responsive layouts, and standardizing design patterns.

Lead Full-Stack Developer   Jun 2025 – Present
Ripplet Connect   *Irvine, CA*
- Built the Ripplet Connect iOS app MVP that enables students to discover peers with shared interests by architecting a SwiftUI frontend integrated with Firebase for authentication, data storage, and real-time messaging.
- Translated Figma mockups into production-ready SwiftUI components, cutting UI development cycle time by 30% by collaborating closely with the UI/UX team to establish a shared component library.
- Streamlined agile development across a three-developer team, accelerating MVP feature delivery by 25% by leading weekly sprint planning sessions, managing tasks in GitHub Issues, and facilitating retrospectives.

Software Engineer Intern   May 2025 – Present
narb   *Remote*
- Developed key frontend features for nHabit's mobile app that streamlined user experience for geolocation-based habit tracking by building modular, responsive interfaces in React Native with Expo and TypeScript.
- Enhanced performance and maintainability of mobile UI that reduced screen load times by 30% by refactoring navigation flow with React Navigation and implementing reusable components with shared state via Zustand.
- Improved user engagement and clarity by designing dynamic progress visualizations and interactive map views using react-native-maps and custom animated components.

Co-Founder & Lead Full-Stack Developer   May 2025 – Present
Arqyn   *Remote*
- Co-founded a 25+ member startup, architecting scalable React Native & TypeScript solutions for social good.
- Designed and implemented Recall Scanner, a React Native app leveraging openFDA APIs to deliver real-time product safety alerts, enhancing consumer protection.
- Integrated Firebase Auth and Firestore with REST APIs for cloud-backed, secure user experiences.
- Led code reviews and maintained documentation and GitHub workflows across a global team.

PROJECTS

CareBox | *TypeScript, React, Firebase, Leaflet, Figma*
- Built a mobile-friendly Progressive Web App to help users track health products and receive refill reminders.
- Integrated Leaflet with OpenStreetMap APIs to provide live clinic search and map-based filtering.
- Implemented Firebase Auth and Firestore to securely store per-user inventory and usage data.

ZotPlanner | *TypeScript, React, AWS (S3, Lambda, DynamoDB, API Gateway), Figma*
- Engineered a full-stack planner that parses course syllabi and schedules assignments with reminders.
- Reached 10+ users with a React frontend featuring file upload UI integrated with API Gateway.
- Used AWS Lambda and Bedrock to extract due dates from PDFs and store structured results in DynamoDB.