

# MICHAEL DEL PAPE

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[Portfolio Website](#) | [linkedin.com/in/delpapemichael](https://www.linkedin.com/in/delpapemichael)

## TECHNICAL SKILLS

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TypeScript, React, React Native, expo, Tailwind, HTML5, Node JS, RESTful API, Git, Next.js, Cypress, Lottie, three.js, shopify, Go, Swift, IOS, Agile, Firebase, Sentry, Express, SQL, noSQL, WebSocket, Jest, AWS

## EXPERIENCE

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### ***Kromeon, Solana Beach, CA, Full Stack Engineer***

Sep 2023 - Present

#### Flagd Application: BLE Location System - Flagd

- Developed a real-time IoT location tracking system using BLE beacons (Minew MBT02) and MQTT gateways
- Integrated remote hardware control capabilities enabling LED/buzzer triggering on BLE asset tags via MQTT gateway commands
- **Tech stack:** Node.js, Typescript, Swift, SwiftUI, BLE

#### Mobile Application: Cartaid - Autonomi

- Lead the development of a feature rich mobile app that assists users with online shopping for groceries based on their specific needs and lifestyles.
- Build a real time database connection for messaging with Firebase's real time db.
- **Tech stack:** React Native, TypeScript, Expo, RevenueCat

#### Web Application: Curve Test Center

- Leveraged Next.js features, including server-side rendering and directory routing, to reduce load times by 20% and restructured the codebase for improved maintenance and easier updates
- Developed a QR code authentication system, strengthening test center security by enabling seamless and secure user identity verification
- Developed a dynamic PDF generator by integrating SQL data and streamlining report generation
  - Utilized the Sharp node library to decrease PDF sizes by up to 20 times
- **Tech stack:** TypeScript, Next.js, SQL, Sharp, CI/CD tools, Node.js, Tailwind

### ***Noteworthy App Development***

#### PasteJet - [App Link](#)

- Design and develop a clipboard managing macOS application that stores clipboard items locally so the user can easily access them later
- Manage and distribute the macOS app directly through a Next.js website hosted on Vercel, bypassing the App Store.
- **Tech stack:** Swift, xcode, Next.js, Vercel

#### Posture Alert IOS App - [App Store Link](#)

- Design and develop a posture ios application that utilized Apple's headphone motion api to monitor and correct the users posture
- Deploy and manage the app through the app store connect panel
- **Tech stack:** Swift, xcode, apple ecosystem

### ***Hack Reactor***

March 2023 - June 2023

- Completed advanced full-time coding bootcamp

### ***Westover Surveying, San Francisco, CA***

March 2022 - Jan 2023

#### *Land Surveyor*

- Utilized 3D LiDAR technology to create highly accurate maps and topographical models for legal and engineering

### ***Malcolm Drilling, Hayward, CA***

August 2020 - August 2021

#### *Site Engineer*

- Carried out quality control tasks as well as assist the project manager on large scale foundation drilling operations

## EDUCATION

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**Colorado State University**, Fort Collins, CO

*Bachelor of Science, Civil Engineering*