

Kaleb Lyda

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TECHNICAL SKILLS

Front End: JavaScript, TypeScript, React, React Native, Redux, Recoil, Storybook, Figma, CSS

Back End + Misc: Java, Node.js, Express, MySQL, MongoDB, Git, Auth0, XCode, Cypress, Jest, Detox

SOFTWARE ENGINEERING EXPERIENCE

Front End Developer | AltoIRA: *Advisor-facing deal sponsor app* 2021- Current

- Worked in a team of 3 to develop account opening walkthrough/wizard to increase B2B use case
- Collaborated with designers to integrate **Storybook** and develop company-wide design system
- Migrated integration testing to **Cypress Components** tests, reducing CI/CD billable time by 45%

Mobile UI Engineer | AltoIRA: *CryptoIRA mobile app* 2021- Current

- Spearheaded **react-navigation** architecture for v1, including authentication and feedback
- Integrated **Auth0** Web View SDK and ensured compatibility with SOC2 and OWASP guidelines
- Configured **Detox** automated E2E testing for Android and iOS, using an **Express** server to mock API behaviors. Led team's adoption of Detox
- Integrated **Express** mock server with **Swagger** backend docs to ensure schema parity

PERSONAL PROJECTS

Full Stack Engineer | Park Pack: *dog park scheduler* github.com/kalebal/parkPack

- Built a full-stack app to allow users to determine the best time to visit dog parks near them
- Added geo-query system using **Firestore** and **Positionstack API**

Full Stack Engineer | Atelier: *product Q&A aggregator* github.com/kalebal/Q-A

- Expedited ETL process to migrate 12 million records from CSV to embedded subdocuments in **MongoDB** using aggregate pipelines

Front End Engineer | Catwalk: *product widget for clothing site* github.com/kalebal/catwalk

- Designed **React** session-based dark theme with **React Hooks** and **styled components**
- Encapsulated click tracking logic to provide detailed and consistent insight into user interactions

RELEVANT EXPERIENCE

Preventative Maintenance Technician UNC-ITS *Chapel Hill, NC* 2018

- Aided staff with hardware and software issues, documented error trends to improve response times
- Designed 6 workflow and troubleshooting posters for UNC's Art Department to reduce digital project setup overhead and costly errors during the printing process

Community Organizing Intern New York Anti-Violence Project *New York, NY* 2017

- Developed written protocols for accessible, multilingual event management and volunteer coordination to maximize efficiency and community presence

EDUCATION

Hack Reactor Advanced Software Engineering Immersive *Remote* 2021

University of North Carolina at Chapel Hill *B.A. Studio Art* 2020

Morehead-Cain Scholar, GPA 3.78, Minors in Philosophy and Religious Studies

Relevant Coursework: Computer Science (14 credits), Mathematical Logic, Graphic and Web Design

Lorenzo De Medici School *Study abroad - Florence, Italy* 2020

PERSONAL

- Developed and presented DEI workshop series for UNC greek life
- Spent the pandemic honing my pottery craft