

# Software Developer

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## SKILLS

Flutter | Dart | React | TypeScript | JavaScript | Python | Git | Github

Firebase | Node.js | Express.js | MongoDB | Mongoose ODM

## WORK

### State Children in Care

[Demo](#)

- Collaborated with a client to conceptualize and execute a dynamic portal facilitating seamless communication among case workers, judges, and parents/guardians.
- Enabled efficient task management by implementing a feature allowing case workers and judges to add essential tasks ("to-dos") while empowering parents/guardians to upload necessary documents, ensuring a streamlined process.
- Enhanced user experience by incorporating a robust system for locating local health providers, providing convenience and support for parents seeking essential resources within their community.

**Stack:** Vite, React, TypeScript, React Router, Redux Toolkit, MaterialUI, Firebase Firestore

### Aéro

[Demo](#)

- Partnered with a client to develop a progressive web app tailored to cyclist safety.
- Integrated the Mapbox API, enabling the creation of a user interface for a turn-by-turn navigation.
- Orchestrated the successful deployment of the progressive web app using Firebase Hosting, ensuring high availability and efficient content delivery.

**Stack:** Flutter, Riverpod, Mapbox API, Mixpanel Analytics, Firebase Hosting

### Breezy Checks

[Demo](#)

[Github](#)

[PlayStore](#)

- Independently published my debut mobile app on the Google Play Store, demonstrating initiative and the ability to see a project through to the end.
- Leveraged the Flutter framework, to build a sophisticated checkbook register app, showcasing proficiency in mobile app development.
- Utilized Riverpod, a state management library, to architect a robust and scalable app with efficient state management, ensuring data accuracy and responsiveness.

**Stack:** Flutter, Riverpod

## PROJECTS

### Bug Tracker

[Demo](#)

[Github](#)

**Work In Progress**

- Designed and implemented a comprehensive system that handles all CRUD (Create, Read, Update, Delete) operations for tickets, enhancing data management and user interactions.
- Successfully migrated from an initial Firebase Firestore database to a MongoDB setup with Mongoose ODM in a Node.js and Express.js environment, embracing the MERN stack architecture.
- Demonstrated proficiency in TypeScript, enhancing code quality and type safety throughout the project, leading to fewer errors and a more maintainable codebase.

**Stack:** Vite, React, TypeScript, React Router, Redux Toolkit, MaterialUI, Node.js, Express.js, MongoDB, Mongoose ODM

## EDUCATION

freeCodeCamp.org Certifications

(May 2023 – Current)

- [Back End Development and APIs](#)
- [Responsive Web Design](#)
- [JavaScript Algorithms and Data Structures](#)
- [Front End Development Libraries](#)