

# Ahmed Mahmoud

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## Profile

I'm a passionate JavaScript developer and open source enthusiast with over five years of experience building quality software for developers and app users. During that period, I have built delightful, performant, and accessible experiences for many users. I'm always looking for new opportunities and challenges to improve my skills and gain more knowledge.

## Experience

### Open Source Developer – 2020–Present

Maintaining some open source libraries like [React Native ML Kit](#) and contributing to other open source projects to help enhance the ecosystem and help the community. Check out my [GitHub profile](#) for more details on projects that I work on.

### Cross-Platform Mobile Developer, Instabug; Cairo, Egypt – 2022

- Maintaining Instabug's cross-platform mobile SDKs.
- Improve testing for the SDKs by adding E2E tests with Detox and improving existing Jest unit tests and native Android and iOS tests.
- Improving CI/CD workflows on CircleCI and making sure they're stable.
- Adding new features to the SDKs and making sure they are properly tested.

### Mobile App Developer (freelancing), Petler; Riyadh, Saudi Arabia – 2021

- Finding and fixing performance bottlenecks in the React Native app.
- Fixing design issues and making sure the app is stable and responsive.
- Making sure the app is suitable and ready to be uploaded to the App Store.

### Back-end Developer (freelancing), Era Trade; Cairo, Egypt – 2021

- Building the app's API in Node.js and Express.
- Managing the PostgreSQL database and the data model of the app.
- Handling real-time trading operations and data flow in the app using Socket.IO.
- Writing tests for the backend using Jest and Supertest and making sure it functions correctly.

### Mobile App Developer (freelancing), Tal2a; El Beheira, Egypt – 2020-2021

- Building the user, chef and delivery apps in React Native and TypeScript.
- Sharing code between the three apps using a monorepo with Yarn workspaces.
- Adding real-time order tracking for delivery persons using the Firebase Real-time Database.

- Building the back-end of the app in Firebase and Node.js cloud functions and making sure data stored in Firebase Firestore and Firebase Cloud Storage is secure using Firebase security rules.

Full-Stack Web Developer, Fadfadah; Kafr El-Sheikh, Egypt – 2020-2021

- Building and designing the Fadfadah web app in React.js, TypeScript, and Sass/SCSS.
- Making sure the PWA works perfectly offline, and upload it to Google Play as a TWA.
- Managing the Firebase back-end of the app, writing security rules for Firestore and Cloud Storage, and writing Node.js Cloud Functions when needed.

## Skills

Here are some of my technical skills and technologies I have experience in:

- JavaScript
- TypeScript
- React.js
- React Native
- Firebase
- Testing (Jest, Detox)
- CI/CD (CircleCI, GitHub Actions)
- Docker
- Go
- Next.js
- Redux/Redux Toolkit
- Node.js
- Express
- SQL (PostgreSQL, MySQL)
- MongoDB
- ORMs/ODMs (Prisma, Sequelize, Mongoose)
- HTML/CSS
- Sass/SCSS
- TailwindCSS