CuriosityStream (Android/Amazon/iOS)

- https://play.google.com/store/search?q=curiositystream&hl=en
- https://itunes.apple.com/us/app/curiositystream/id971830624?mt=8
- https://www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=curiositystream

Description: App for streaming factual documentaries on-demand.

1. Built this app with multiple teams such as Backend developers, UX-UI, QA and Mobile developers. UX-UI team provided designs for the app and developers discussed and agreed on features and design updates for each app. Used JIRA and spreadsheets for product management, sprint and ticket tracking. Used Travis CI for continuous integration testing and SonarQube for code analysis. QA team ensured the app passed visual and functionality testing before publishing to store.
2. Challenges include memory management for low-end devices since streaming video requires significant device memory.
3. As the Lead Mobile developer and ensured the mobile team I ensured both Android and iOS teams were on track and I also contributed to writing 90% of code on android and 50% of code on iOS.
4. Backend API is built in PHP with the larval framework. Also utilized several AWS services.

Bella-Naija (Android/Amazon)

- https://play.google.com/store/apps/details?id=com.bellanaija.android&hl=en
- https://www.amazon.com/Oluwatoni-Fuwape-App-for-BellaNaija/dp/B075F9LB97/ref=sr_1_10?ie=UTF8&qid=1544644429&sr=8-10&keywords=bella+naija

Description: This app was designed to for a popular Nigerian blog, so users can conveniently access articles from a mobile device.

1. This app was a personal project and turned out to be really helpful to users. I performed data science operations (extract, transform, load) ETL on a website which was used to create an API in python. I utilized AWS Elastic beanstalk to host the API and serve the client application with a 99.9% availability.   I designed and developed the android app and ensure unit and integrations tests were written and also ensured Travis CI and SonarQube was used in both CI and static code analysis.
2. Major challenge was using python to extract data from a website and creating the API. This was a first for me and a very good learning experience.
3. This was a solo project, so I didn't work with a team.
4. AWS Elastic beanstalk, python.

Yazi (Android/Amazon/iOS)

- https://play.google.com/store/apps/details?id=com.condomcraze.android

- https://itunes.apple.com/us/app/condom-craze/id1063943731?ls=1&mt=8
- https://www.amazon.com/Oluwatoni-Fuwape-Condom-Craze/dp/B01AMRNSJA/ref=sr_1_1?s=mobile-apps&ie=UTF8&qid=1544644227&sr=1-1&keywords=condomcraze

Description: This was founded and created to promote safe sex education.

1. My partner and I thought about this idea and agreed to create an app where we update users on the latest news on sex-ed., give information about consent, abstinence, contraceptives and a feature for finding testing centers. The backend was designed with preserver and mongo db. My partner and I designed the UX-UI and I brought the designs to live via the iOS and android apps.
2. This was my first experience with parse-server, so that was bit of a learning challenge, but it was worth it. Also implementing a personal idea and making sure the solution looks exactly as you imagined is not so easy.
3. My partner and I worked on the design, while I worked solo on developing the iOS & Android apps.
4. Parse-server and mongo db.

Salem University (Android)

- https://play.google.com/store/apps/details?id=ng.edu.salemuniversity.salemuniversitylokoja&hl=en_US

Description: This was designed for a university, to provide mobile access to popular school locations via google maps, broadcast and read latest school news and easily find school contact info.

1. I created this app solo as well. Built the backend with parse-server and mongo db. I designed and developed the mobile app- going from wire-frames to real UX-UI designs.
2. Major challenge was keeping up with universities changing requirement but as a Software Engineer, you learn to adapt to such situations.
3. As stated earlier, I designed and developed backend and mobile app.
4. Parse-server and mongo db.