

# Kajoyrie Purcell

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## EDUCATION

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### Florida State University

*Bachelor of Science in Computer Science, Minor in Mathematics*

Tallahassee, Florida

Aug. 2019 - Dec 2021

### CodePath Android Development Course

*Florida State University*

Jan. 2021 - Apr. 2021

## EXPERIENCE

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### Software Developer Engineer Intern

*Amazon*

June 2021 – Present

*Seattle, WA*

- Developed serverless full stack web application to validate data against dynamic configurations, leading to a decrease in time to deploy data by 90%.
- Designed front end of web app using HTML, CSS, React components, and TypeScript.
- Created custom REST API using API Gateway endpoints and Cloud Development Kit (CDK)
- Implemented backend business logic using AWS Lambda in Java, a custom REST API and S3 for static storage.

### Software Developer Intern

*GeekSI*

Sep. 2020 – Feb. 2021

*Tallahassee, FL*

- Developed an ETL Pipeline using Python to enhance business processes leading to a decrease in manual data extraction by 83%.

### University Ambassador

*Florida State University*

Jan. 2020 – Present

*Tallahassee, FL*

- Lead and oversee groups of 10-30 people on engaging tour of campus facilities.

## PROJECTS

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### Flixster | Java, Android Studio | Github

Feb. 2021

- Developed an Android app to view a list of over 15+ movies sourced from the The Movie Database API.
- Implemented the Youtube Android Player API to allow users to watch the trailer for the movie in the app.

### Twitter Clone | Java, Android Studio | Github

Feb. 2021

- Created an Android app using Java, which is simple clone of the app 'Twitter'.
- Users are able to login to the app using the TwitterAPI and OAuth protocol.
- Developed functionality to compose and post a new tweet to the timeline by utilizing the Twitter REST API.

### Simple Insta | Java, Android Studio | Github

Mar. 2021

- Engineered an android app using Java that behaves like the social media app 'Instagram'.
- Developed functionality that allows users to view their feed, create a new post, and view their profile.
- Created the ability to sign up and login to the app using Parse Authentication.

### Rxmind | Java, Android Studio, Firebase | Github

July. 2021

- Developed an android app using Java to save reminders for users to take any medication.
- Created functionality for users to register an account or log into the app with an existing account.
- Users are able to Create, Read, Update, and Delete medication reminders.
- Integrated Firebase Realtime Database to save reminders for the logged in user.
- Implemented the FDA API to gather information about medications when searched in the app.

### Stock Saver | Java, FMP API, Firebase | Github

July. 2021

- Engineered an android app using Java that allows user to save company stock market information.
- Utilized the Financial Modeling Prep RESTful Web API to gather company stock information.
- Integrated Firebase Realtime Database to save stock information for users.
- Created an asynchronous class to load images, leading to a decrease in load times by 85%.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C++, C#, HTML/CSS, React, TypeScript

**Databases:** SQLite3, S3 Bucket, Firebase

**Tools:** AWS Lambda, Cloud Development Kit (CDK), Git, CI/CD Pipeline