

# ANA-SOPHIA BRANDE

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full-stack engineer (FE focused)

## EXPERIENCE

### RACKSPACE TECHNOLOGY (CLOUD SERVICES PLATFORMS) – FRONT-END ENGINEER II – 2020-CURRENT

Previous role: Front-End Engineer I – 2019-2020

#### Systems:

##### Management Portal:

- Added capability for customers to manage permissions, roles, and role inheritance for linked and dedicated cloud accounts across multiple cloud services.
- Added role functionality for domain trusts, user info portal, user creation and management.
- Improved Mocha testing functionality and added tool for test coverage for Mocha/Enzyme projects improving test coverage by 20%.
- Developed architecture for Jest/Enzyme usage including creation of initial unit test migration to Jest raising test speeds by 40%.

##### Signup Portal - (PRODUCT OWNER)

- Architected system for international customer signups streamlining customer onboarding, billing, and business processes resulting in 200k+ savings.
- Added account capabilities supporting multiple cloud customers and their relevant products.
- Automated branch based dev and production deployment in CircleCI.
- Set up Jest/Enzyme unit testing and maintained ~90% code coverage.

##### Resources Portal:

- Assisted in development of React/React-Query app to view cloud instances and enroll in AWS instance patching.
- Features include display of account information, instance patching updates viewable on UI, CSV downloads and consistent correspondence with multiple teams to provide proper restrictions and design

##### Misc:

- Assisted in creation and migration of UI packages centralizing design components for multiple projects with cross-browser support.
- Set up and integrated internationalization across multiple products which includes automated translation maintenance that integrates with the company's development tools.

**Ops:** Assisted in development for supporting infrastructure including CI/CD, terraform integration with AWS KMS, S3, Lambda, and Cloudfront deployment and tracking. Improved Sentry and Cloudwatch logging, adding features providing descriptive usage errors.

**People:** Led architecture and development discussions for signup portal. Conducted engineering interviews. Mentored and onboarded new engineers.

React, Redux, React-Query, AWS, Mocha & Jest/Enzyme, Terraform, AWS

### GOGO AVIATION (VIDEO STREAMING PLATFORM) FULL STACK ENGINEER II – 2017-2019

Previous roles: Software Engineer I – 2018-2019, Engineering Intern - 2016-2017

**System:** Migrated 5yr Backbone/Marionette project into React/Redux application from scratch. Reconfigured testing suite to from Mocha/Sinon to Jest/Enzyme. Migrated from Webpack 2 to Webpack 5. Implemented features such as Leaflet maps, internationalization, and weather display. Replaced Flash player usage with modern video player.

**Ops:** Mapped and documented backend functionality for future devs. Assisted in re-architecting Java code for optimal frontend usage.

**People:** Led architecture discussions. Mentored interns. Conducted engineer interviews. Set up team and project processes. Managed tasks and priorities with Frontend/Backend team.

JS, React/Redux, Backbone/Marionette, Docker, Java

### WAGEKICK (ONLINE RECRUITMENT) - ENGINEERING INTERN – 2015-2016

**System:** Developed and implemented weighting algorithms identifying optimal applicants for local restaurants. Simplifying company recruiting processes.

**Design:** Assisted with development of UI/UX styles. Implemented style guides on application.

JS, PHP, MySQL, SketchUp

### ROCKET SOFTWARE - ENGINEERING INTERN – SUMMER 2015

## PROJECTS

- Actively developing React/GraphQL/PostgreSQL app to automatically create customized user Spotify Playlists.
- Created React/Redux Google Maps application. Displays local locations and gives driving directions.

## EDUCATION

UNIVERSITY OF COLORADO AT BOULDER – BOULDER, CO  
B.A. in Computer Science – 2015-2016

STEVENSON UNIVERSITY – GREENSPRING VALLEY, MD  
BA in Information Systems – 2012-2014

## RELEVANT

React/Redux/React-Query

Webpack/Vite.js

Jest/Enzyme

AWS

## SKILLS

CI/CD

Terraform

i18next/i18next-scanner

REST