

ANJALI JUSTICE

Software Engineer

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anjalijustice.com

SKILLS

Programming	Design
C/C++	User Interface
HTML/CSS	Web Design
ReactNative	Prototyping
Python	Other
JavaScript	Remote Work
Software	Communication
Github	Teamwork
Visual Studio	Flexibility
Figma	Leadership
	Pilot Training
Courses	
Data Structures and Algorithms	
Web Systems	
User Interface Dev	
Computer Architecture	

EDUCATION

University of Michigan
B.S.E in Computer Science 2020
HAIL Scholarship Recipient (High Achieving Involved Leader)

ENSEA - France
Probabilistic Methods in Engineering, French Language and Culture
Learned about probability theory and random process and applied them to computer science topics.
Learned to adapt to new environments in foreign countries.

Kalitta Pilot Training
Private Pilot License
Logged over 100 hours of flight training and ground school toward a Private Pilot's license. Acquired extensive knowledge of aerodynamics and aircraft performance

EMPLOYMENT

Amazon Web Services - Redshift
Software Development Engineer Sept 2020-Present

- Wrote and tested code using C++, C, SQL and Python to improve query performance for customers.
- Implemented designs to make redshift burst clusters more effective for query performance analysis.
- Improved the way cluster occupancy is calculated in order to increase cluster efficiency.
- Designed and implemented code to expose more vacuum metrics to customers
- Created design documents and led design reviews.
- Gained experience with databases and backend development.
- Onboarded and worked remotely with my team and gained excellent remote communication skills.

PROJECTS

Breathe Festival App
Personal Project

- Developed the front-end for Android and iOS app using Javascript and React Native.
- Pulled data for front end components from Heroku app
- Designed the user interface for the app on Figma.
- Worked with festival coordinators to determine potential pain points and improve user experience.
- Deployed the app to festival users for beta testing.

Client-Side Dynamic Pages
Class Project

- Created a web app based off of Instagram using HTML and Javascript for the front-end.
- Used client-side dynamic pages and REST API to develop the content of the application.
- Built the backend database for our application using sqlite3.