

AVA COLLINS

<https://www.avacollins.dev>

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SUMMARY

Innovative web developer with a long history of creating interactive experiences for retail, education and games. Skilled in frontend architecture, rapid prototyping to MVP, accessibility, user experience, developer operations, documentation and user support.

WORK EXPERIENCE

Senior Software Engineer

Expedia Group

Apr 2023 – May 2024

- Lead initiatives for service and application security using React, Node, AWS, Docker and Kubernetes
- Enhanced code observation metrics, reporting and documentation using Splunk and DataDog
- Provided technical support to brand partners integrating the white label Virtual Agent Chat libraries and services

React Developer

Wildlife Computers

Jul 2022 – Feb 2023

- Modernized business application from old .NET/JQuery to new TypeScript/React stack
- Demonstrated benefits of Apollo GraphQL server to Apollo client components for faster data queries as compared to the aging and overloaded SQL database connections
- Educated management on benefits of modern technologies, mentored fulltime developers to ensure proficiency with new stack

Senior Mobile Developer

Porch Group

Oct 2020 – Nov 2021

- Architected mobile application base templates using React Native
- Bootstrapped applications using Google Firebase and Expo as a service for build, sign, test, and distribution of apps to Apple and Google stores
- Implemented instant over-the-air app updates of static assets without submitting through the store, used for rapid deployment between version releases

Senior Web Engineer

Linden Lab

Jan 2016 – Feb 2020

- Developed and maintained component libraries and micro frontend architecture for the multiple sansar.com subdomains using React, Styled Components, Webpack, Node, MySql and Docker
- Rapidly developed the Sansar mobile application to enable streaming live events and sell event tickets, enabling artist revenue to perform on Sansar and stream to mobile phones
- Grew into a junior Sansar game client UI developer using proprietary C++ and UWPf libraries for both desktop and VR, supported chat, quests, marketplace, and atlas apps in game
- Participated in community relations by hosting and attending events in Sansar and troubleshooting and answering technical user questions in discord

Software Developer II

Apollo Education Group

Jun 2014 – Oct 2015

- Lead frontend developer for analytics dashboard and career prep bootcamp applications
- Utilized Angular JS, HTML5 and CSS3 features to build highly interactive multi-media user experiences

Contract Web Engineer

Amazon

Jun 2013 – May 2014

- Collaborated closely with UX team to build experimental interactive widgets and marketing landing pages for international retail website amazon.com using Perl hooks with HTML, CSS and JavaScript

COMMUNITY

Scripting Office Hours

Hosted bi-weekly event held in Sansar and maintained a Sansar script open-source code repository for users to learn and share scripts.

Cascadia JS Conference Volunteer

Volunteered as event staff for the 2015 and 2016 Cascadia JS conferences.

EDUCATION

University of Maryland Baltimore Campus

BA Imaging and Digital Arts