Carlos Estrada

FRONTEND DEVELOPER

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Summary

As a Frontend Developer, I am deeply passionate about problem solving and programming. My expertise lies on using JS/TS to craft solutions, always with an emphasis on clean, readable and maintainable code.

Skills

Programming languages: JavaScript, TypeScript, Python, Shell script
Libraries and frameworks: React, Redux, Vite, Vitest, Jest
Software and apps: Visual Studio Code, Figma, JIRA, Slack
Platforms: AWS (Lambda, API Gateway, Amplify, S3, SES), GCP (Cloud Storage, Cloud Functions, Cloud Events)

Experience

CreateMe Technologies   Remote
Associate Frontend Engineer • Full time   10/2022 – 12/2023

- Improved performance of the 2d product customizer for Ralph Lauren's e-commerce by approximately 30% (based on LCP and TTI metrics)
- Collaboratively architected, implemented and deployed a fully tested cloud system on GCP, leveraging Storage, Functions and Events. This system processes and stores critical product inventory data, to have it ready to be consumed by the Ralph Lauren's product customizer, subsequently reducing loading times by approximately 30%
- Developed a fully tested utility methods NPM package, currently used in Ralph Lauren´s frontend and GCP
- Currently collaborating with a global team of engineers from the US and UK to develop a 3D product customizer for live events. This initiative aims to seamlessly merge physical and digital shopping experiences, allowing attendees to use touch screens for product customization and on-the-spot ordering

Fintegra S.A.S.   Bogotá, Colombia
Frontend Developer • Full time   09/2021 – 09/2022

- Redesigned landing page and application dashboard using Figma, resulting in a more user-friendly and visually appealing design
- Upgraded and refactored frontend codebase leveraging Vite, React, React-Query and TalwindCSS to optimize developer experience
- Modernized the app build tooling leveraging Vite, resulting in faster build times, and subsequently improving productivity
- Optimized data fetching and app state management leveraging React-Query
- Used AWS services including Lambda, S3, API Gateway, Amplify, Cognito and SES to implement the application's backend infrastructure
- Collaborated to implement business logic in AWS for processing and storing vital customer data and files for financial product applications. Automated decision-making workflows, and implemented a notification system to keep clients informed about critical decisions regarding their applications and products

Webcat (webcat.app)   Remote
Software QA Developer • Contractor   05/2021 – 08/2021

- Conducted manual testing of the Webcat app platform to evaluate functionality and user experience
- Translated documentation from Spanish to English to improve access to users from different regions
- Provided customer support to corporate Webcat users, resolving technical issues promptly

Solteco S.A.S.   Remote
Node.js developer • Contractor   03/2021 – 08/2021

- Architected and implemented a websocket server that integrates the Emotiv Cortex API into a videogame developed in Unity
- This videogame was part of a research project led by Universidad del Bosque and Enel Codensa

Education

Concordia University   Montréal, QC, Canada
Bachelor's degree, computer engineering (incomplete)   09/2018 – 09/2019

Universidad de los Andes   Bogotá, Colombia
Bachelor's degree, Economics   01/2013 – 01/2018

Liceo de Cervantes Norte   Bogotá, Colombia
Primary and secondary education   01/1999 – 12/2011

Languages

Spanish Native ●●●●●   English Proficient ●●●●○   French Intermediate ●●●○○