

Work Experience

Research Improving People's Lives Spring, Texas *Senior Software Engineer* Feb 2023 / Present

- Led frontend architecture, established best practices, and improved code quality through reviews, elevating engineering standards
- Engineered UX solutions that increased page speed, usability, and accessibility, leading to better user engagement
- Built interactive dashboards with geospatial insights to transform complex public safety data into actionable visuals
- Developed secure, scalable cloud infrastructures to ensure reliable performance and protect sensitive research data
- Spearheaded the new Resume Generator feature, from POC to full integration into the main application, collaborating across product, engineering, and engagement teams

Xepelin Spring, Texas *Front-end Developer* Oct 2021 / Feb 2023

- Built a new onboarding flow, improving self-enrolled users by 33%
- Developed high business impact components, such as the Credit Line widget and a scalable Navbar
- Pioneered the implementation of Typescript and Unit testing, improving overall application trust

alacartadigital Spring, Texas *Full Stack Developer* Apr 2021 / Sep 2022

- Implemented features such as yearly subscriptions and multiple restaurants per user, increasing company revenue by 40%
- Optimized Lighthouse metrics, achieving a score of 98 for a smoother user experience and improved SEO
- Responsible for maintaining and deploying the platform using Next.js, Redux, and Firebase as the primary technology stack

PETUCA Ciudad Bolívar, Venezuela *Front-end Developer* Ene 2019 / Dec 2020

- Led improvements to the company website and managed the design system
- Optimized app performance for speed and scalability
- Designed and built features that enhanced the usability and functionality of the application

Skills

Frontend HTML, CSS, JavaScript, TypeScript, React, Next.js, Redux

Backend Python, FastAPI, Node.js

Databases PostgreSQL, MongoDB, Firebase

Infrastructure Terraform, Amazon Web Services, Google Cloud

CSS frameworks Tailwind CSS, Material UI, Bootstrap

Testing Jest, Cypress

Other Git, Figma, Postman

Projects

LAUNCH for Employers React, Next.js, Typescript, Jest <https://employer.launch.arkansas.gov/>
Arkansas Skills-Based Candidate Matching Tool

Data for Community Trust Terraform, AWS, React, Next.js
<https://hazelcrest.dataforcommunitytrust.org/>
Public Safety Data for Village of Hazel Crest

New Jersey Wage Hub React, Next.js, Typescript, Material UI, Zod <https://njwages.nj.gov/>
Certified Payroll Collection and Analysis Tool

alacartadigital React, Next.js, Material UI, Firebase, Stripe <https://avocaty.io/>
Online restaurant menu platform with QR code integration.