

KELVIN SANCHEZ

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WORK EXPERIENCE

Research Improving People's Lives

Senior Software Engineer

Spring, Texas
Feb 2023 - Present

- Led frontend architecture and crafted custom UX solutions to enhance user engagement and streamline workflows
- Built interactive dashboards with geospatial insights to transform complex public safety data into actionable visuals
- Developed secure, scalable cloud infrastructure to ensure reliable performance and protect sensitive research data

Xepelin

Front-end Developer

Spring, Texas
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

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Full Stack Developer

Spring, Texas
Apr 2021 - Sep 2022

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

PETUCA

Front-end Developer

Ciudad Bolívar, Venezuela
Ene 2019 - Dec 2020

- In charge of improving the company website and maintaining the design system
- Optimized the app for maximum speed and scalability
- Created features to enhance the user experience

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*
Arkansas Skills-Based Candidate Matching Tool

<https://employer.launch.arkansas.gov/>

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*
Certified Payroll Collection and Analysis Tool

<https://njwages.nj.gov/>

alacartadigital *React, Next.js, Material UI, Firebase, Stripe*
Online restaurant menu platform with QR code integration.

<https://avocaty.io/>