Jesse Quiroga

Senior Software Engineer

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SKILLS

Frontend: HTML, CSS, JavaScript, Typescript, React.js, React Native, Next.js, Vue.js, Nuxt.js, Angular, Server Side Rendering, Bootstrap, Tailwind CSS, Redux, VueX, MUI, Vuetify, Ant Design, D3.js, ApexCharts.js

Backend: Nodejs, ExpressJs, NestJs, GraphQL

Database: MySQL, PostgreSQL, MS SQL Server, MongoDB

Testing Frameworks: Unit testing (Jest, Enzyme), E2E testing (Cypress, Playwright)

Architecture: Microfrontend, Monorepo, Atomic Design

Other: WebRTC, Swagger, Formik, Webpack, Agile, Restful API, SEO, Figma, Sketch, Adobe, A/B testing, Redis, Stripe, React Query, Apollo

DevOps: AWS, GCP, Azure, CI/CD (Jenkins, CircleCI, etc), Docker and Kubernetes

Blockchain: Ethereum, Polygon, web3.js, ether.js, Moralis.io, IPFS

PROFESSIONAL EXPERIENCE

UPHEALTH INC

Senior Full-stack Developer   **Mar 2020 - Apr 2024**

Tech stacks: React, React Native, NodeJS/Express, Apollo/GraphQL, MUI v5, Twilio, MySQL, Typescript, AWS, Jest

Spearheaded the development of telehealth video consulting applications facilitating seamless communication between clinicians and patients.

 Noteworthy achievements include:

- Independently constructing web and mobile telehealth applications from inception, resulting in a 30% increase in user engagement within the first quarter.
- Implemented GraphQL based queries and mutations using Apollo server, optimizing data retrieval processes by 40%.
- Fostered collaboration between cross-functional teams, including product and marketing, leading to a 25% improvement in feature alignment with market needs.
- Integrated Martti and Twilio for language access and video conferencing functionalities, resulting in a 50% reduction in communication barriers for non-English speaking patients.

ONE CONCERN

Senior Full-stack Developer   **Apr 2017 - Feb 2020**

Tech stacks: React, React Hooks, Node.js, TypeScript, AWS, Material UI, MongoDB, Apollo/GraphQL, Mapbox GL, GCP, Docker, Kubernetes, Jest

Led the development of an AI-based resilience software platform, pioneering analysis at the intersection of Climate Risk and Financial Risk across Capital Markets, Insurance, and Real Estate sectors.

Key achievements include:

- Engineered well-structured architectural and technical solutions, resulting in a 50% improvement in platform scalability and a 40% increase in performance.
- Implemented Amplitude analytics, leading to a 25% improvement in application usage tracking accuracy and providing invaluable insights into user behavior.
- Executed a successful migration from Enzyme to React Testing Library and Jest, elevating test coverage to over 85% and enhancing software reliability.
- Collaborated as a vital team member in securing the company's recognition as one of the top green tech companies, contributing to a 30% increase in brand visibility and industry reputation.
- Presented groundbreaking insights at the UN Climate Change Conference, impacting over 500 industry professionals and garnering global recognition for One Concern's innovative approach to climate resilience.

TRESTA

Frontend Developer   **Sep 2014 - Mar 2017**

Tech stacks: React, Typescript, React Hooks, NodeJS/Express, AWS, SEO, MySQL

Spearheaded the development of a flexible virtual phone system accessible across all devices.

Key achievements include:
- Facilitated seamless collaboration with diverse partners and stakeholders, resulting in a 20% increase in project efficiency and alignment with strategic objectives.
- Led the migration of the original PHP-based product to a React application, resulting in a 40% improvement in user interface responsiveness and a 30% reduction in page load times.
- Implemented SEO strategies, resulting in a 25% increase in app performance metrics and a 15% boost in organic traffic.
- Demonstrated advanced proficiency in agile best practices, streamlining project workflows and deployment processes, resulting in a 50% reduction in release cycle times.
- Exhibited expertise in sprint/release cycles, achieving a 20% improvement in team productivity and adherence to project timelines.

EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN

Bachelor of Computer Science   **2010-2014**