Timothy Pena

Senior Front End Engineer

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Education

Bachelor's Degree in Computer Science

The University of Texas at Dallas
Dallas, TX
June 2011 - August 2014

Key Skills

- JavaScript
- TypeScript
- Python
- React
- Next.js
- Angular
- React Native
- Wordpress
- GraphQL
- Firebase
- AWS Lambda
- Tailwind CSS
- SCSS
- Material UI
- Ant Design
- Chakra UI
- Styled Components
- Version Control(Git, GitHub/GitLab)
- CI / CD
- Agile Scrum Practices
- Team Leadership

Senior Front End Engineer with over 11 years of experience delivering high-impact, innovative web and mobile applications. Specialized in building Javascript modules, libraries, scalable web and mobile solutions using React, Next.js, Angular, React Native, Wordpress. Led the development of several websites and platforms across various industries, including adtech, fintech, and e-commerce, driving significant improvements in user engagement and retention. Proven expertise in building scalable, responsive user interfaces, managing cross-functional teams, and integrating third-party solutions. Consistently staying updated with the latest trends and advancements.

Professional Experience

Senior Front End Engineer

Zero Negative, Boston, Massachusetts | February 2023 - December 2024

- **Advida**

Led the design and development of a highly interactive website using 3D elements and particle effects, enhancing Advida's digital presence and setting them apart in the competitive adtech space, resulting in a 40% increase in user engagement.

- **Hash Directors**

Crafted a modern and engaging website for Hash Directors, integrating industry-specific expertise and directorship services, which improved user retention by 30% and significantly increased client inquiries.

- **Sparrow**

Designed and engineered a unique website for Sparrow, a fintech startup, incorporating original illustrations and animations that communicated their brand's values and boosted user engagement by 25%, fostering deeper consumer trust.

Senior Front End Engineer

Digis, New York City, New York | May 2017 - January 2023

- **Fiverr**

Spearheaded the formation of a dedicated team of 11 experts specializing in React, Java, and Kotlin within three months, contributing to the successful execution of key features such as the loyalty program and Fiverr Select. These improvements enhanced user engagement and long-term retention.

- **MyBikePlan**

Enhanced product functionality by adding a product comparison feature and integrating Contentful CMS. Revamped the site's design, optimized the product filter system, and improved user engagement through constant refinements to logic and style.

- **RoomStar**

Architected and integrated a comprehensive software ecosystem, optimizing platform functionality for homeowners and tenants. Ensured the platform was modern, reliable, and fault-protected, resulting in a robust, user-friendly portal for finding apartments and rooms quickly and cost-effectively.

- **ZenduIT**

Created a unified platform that consolidated 28 products into one solution. Led the development of applications for tracking aircraft positions at Dubai airport, enabling enhanced operational efficiency.

- **Rockwell Trading**

Built a custom automated testing process from scratch and integrated ChatGPT into the platform to assist users in verifying company data. Continually upgraded

- ● Time Management

Angular, ensuring the platform remained at the forefront of modern technologies.

- ● **Zid**

Aided in the growth of Zid, a major player in the Middle Eastern e-commerce market, by developing key mobile features such as an ordering system, analytical tools, and improving app performance across multiple devices.

- ● **Otoqi**

Contributed to the rapid growth of Otoqi's platform, which facilitates car delivery services, by supporting the onboarding of drivers, enhancing platform performance, and increasing ARR by 300% over three years.

- ● **Sendy**

Boosted Sendy's user base by 341% and app downloads by 436% in the first year. Helped streamline transaction fee strategies, improving payment process efficiency and reducing costs for failed orders.

- ● **Homodea**

Collaborated on enhancing application performance and UX, supporting the mobile app development and ensuring seamless data migration to cloud storage, adhering to GDPR compliance.

- ● **Upright Technologies**

Participated in major custom integrations, including the addition of PGP encryption and the development of a multistep enrollment form, boosting company revenue and improving customer integration.

- ● **SuperChat**

Led the development of a team chat feature, designed to serve as a Slack alternative, and implemented real-time features such as voice messaging, multi-language support, and an activity log for better user interaction.

Front End Engineer

Airbnb, San Francisco, California | September 2014 - April 2017

- ● **React with Styles**

Developed CSS-in-JS solutions for React components, enabling developers to easily access shared theme information (e.g., colors, fonts) and utilize flexible styling methods without being tied to any specific implementation.

Contributed to enhancing the modularity and integration of this library across different React projects.

- ● **RheoStats**

Assisted to the development of Rheostat, an accessible and responsive slider for mobile, tablet, and desktop platforms. Focused on ensuring cross-device compatibility and improving the user experience with intuitive touch and mouse interactions, while maintaining a focus on accessibility standards.

- ● **React Dates**

Participated in the development and maintenance of React Dates, a widely-used date picker library for React. Improved modularity, usability, and compatibility across multiple platforms, allowing for easier integration into various applications and a smoother user experience for date selection.