Rodolfo Peinado Guerrero

**Senior Frontend Engineer | Web Technologies**

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# SUMMARY

I'm a seasoned front-end developer with over 9 years of experience creating engaging, high-performance web applications for a variety of industries. I specialize in modern technologies like React, Vue, Angular, HTML, CSS, and JavaScript, always focusing on building responsive, user-friendly interfaces. I enjoy turning design ideas into functional, maintainable code and applying best practices to boost performance. I’ve led UI/UX improvements, worked closely with cross-functional teams, and consistently delivered quality products on schedule. With a solid background in Agile environments, I also mentor junior developers and stay up-to-date with the latest trends and tools in front-end development. Passionate about crafting impactful user experiences, I’m always looking for ways to improve both the user interface and the overall development process.

# SKILLS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **React** | **TypeScript** | **TailwindCSS** | **UI/UX** | **Restful API Integration** |
| **Next** | **JavaScript** | **MaterialUI** | **Git** | **Unit Testing** |
| **Vue** | **HTML** | **Vuetify** | **Jest** | **E2E Testing** |
| **Nuxt** | **CSS** | **GraphQL** | **Responsive Design** | **Agile Methodology** |

# EXPERIENCE

## Senior Frontend Engineer

### Flatworld Solutions

 05/2020 - 04/2025  Princeton, United State

* Developed a modern, responsive LMS website using TypeScript, Next.js, React, Material-UI, and TailwindCSS to deliver an engaging user interface.
* Designed and implemented interactive UI components to ensure a seamless experience across various devices.
* Created dynamic frontend features that communicate with backend APIs via RESTful and GraphQL endpoints, enabling real-time data updates.
* Collaborated with backend teams to integrate frontend interfaces with scalable microservices, maintaining smooth data flow and optimal performance.
* Developed and maintained AI-powered frontend features leveraging NLP and DeepAI integrations to enhance user interaction and personalization.
* Built and optimized frontend deployment pipelines using Docker and Kubernetes, ensuring reliable and scalable application delivery.

## Frontend Engineer

### DevCrew I/O

 04/2019 - 02/2020  Singapore, Singapore

* Developed full-stack features for mobile-first and web applications using React, Express, and Firebase.
* Built and maintained RESTful APIs and serverless functions deployed on Google Cloud Platform (GCP).
* Implemented authentication and authorization layers utilizing Firebase Auth and OAuth providers.
* Collaborated with designers to enhance UX/UI, leveraging Tailwind CSS and Material-UI.
* Wrote unit and integration tests with Jest to ensure code reliability and maintainability.

## Frontend Developer

### Appnovation Technologies

 04/2016 - 02/2019  Hong Kong, Hong Kong

* Developed the front-end for the admin UI using React and TailwindCSS, delivering a responsive and user-friendly interface.
* Designed and implemented user interfaces for multiple projects, ensuring seamless interaction and accessibility.
* Collaborated closely with designers to enhance user experience and maintain visual and functional consistency across platforms.
* Conducted unit testing for frontend components to ensure reliability and high code quality.
* Built backend systems with Python and Django to support healthcare, finance, and streaming services, providing scalable RESTful APIs and backend functionalities.

## Frontend Developer

### WestRoadSouth Limited

 02/2014 - 03/2016  Hong Kong, Hong Kong SAR

* Assisted in frontend development using HTML, CSS, and JavaScript for e-commerce and CMS projects.
* Ensured responsive, pixel-perfect designs with cross-browser compatibility across all devices.
* Collaborated with senior engineers to debug and resolve issues, gaining valuable mentorship and hands-on experience.
* Applied best practices in code readability, version control, and component reusability to improve development efficiency.
* Participated in client meetings to gather requirements and refine UI/UX interactions, ensuring alignment with project goals.

# EDUCATION

## Bachelor of Computer Science

### Jiangnan University

 04/2009 - 12/2013  Yuxi, China