Caleb Spain

Software Engineer

I am a seasoned software engineer with a proven track record of tackling intricate challenges across diverse industries. With *over 5 years of experience*, I am deeply passionate about my work and continuously strive to enhance my skills and expertise. Let's connect to explore how I can contribute to helping you achieve your goals!

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SKILLS

`HTML5` `CSS3` `JavaScript` `Vue.js` `Node.js` `PHP` `Laravel` `MYSQL` `Docker` `CI/CD` `AWS` `Git`

WORK EXPERIENCE

Software Engineer
Gant Travel

02/2023 - Present   *Houston, TX*

A premier travel management firm specializing in orchestrating corporate and group travel experiences.

Achievements/Tasks

- Designed and implemented a robust **PHP/Laravel API** integrating **MYSQL**, **MongoDB**, and **Salesforce**. This API facilitated the management of business trips for travelers and agents within application environments.

- Engineered a user-centric **Vue.js SPA** empowering travelers to autonomously update their profiles and itineraries, reducing reliance on intermediary support. Resulted in substantial time efficiencies for more than 50 agents.

- Promoted adherence to industry-leading development methodologies, including **SOLID principles**, **code reviews**, **Test-Driven Development (TDD)**, **Continuous Integration/Continuous Deployment (CI/CD)** with **automated testing**, and implementation of **pre-commit hooks** for enforcing code formatting standards.

Software Engineer
Hyphen

06/2022 - 02/2023   *Houston, TX*

A cutting-edge SaaS middleware transforming the lending industry by automating every facet of the lending lifecycle.

Achievements/Tasks

- Elevated **front-end** efficiency by harnessing **Vue.js mixins**, **plugins**, and base **components**. This strategic approach expedited development cycles while upholding the **DRY principle**, leading to the removal of 5,000+ lines of redundant code.

- Collaborated with the engineering manager to develop a **setup script**, enabling the initialization of multiple **microservices** with a single command. Additionally, enhancements to documentation significantly reduced local environment setup time for each engineer.

- Drove a substantial time and effort reduction in multiple user journeys by meticulously designing our **UI/UX** for enhanced clarity and efficiency. This deliberate approach resulted in heightened user engagement and satisfaction.

Software Engineer
Inception Fertility

07/2020 - 06/2022   *Houston, TX*

A forward-thinking fertility company leveraging technology to elevate the fertility journey for all patients.

Achievements/Tasks

- Developed proprietary tools using **Nuxt.js** and **Node.js** for cryogenic storage and transportation management, saving over $10 million annually. This project enhanced operational efficiency and material integrity, driving significant bottom-line improvement.

- Created a **TypeScript/Vue.js** KPI platform providing critical insights for leadership across multiple fertility clinics, optimizing patient experiences for over 200,000 individuals.

- Collaborated with contracting engineers to develop a **NativeScript** mobile app for fertility patients, streamlining tasks like scheduling, medication management, and communication with nurses, enhancing patient convenience and engagement.