Darrick Yong

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WORK EXPERIENCE

Science37   **Mar 2021 – Jun 2023**
Software Engineer   Remote
- Facilitated the creation of an advanced reporting dashboard using React with TypeScript / Redux, significantly reducing the time required for clinical research staff to assess and generate precise treatment plans for patients by 80%.
- Streamlined access for medical sponsor organizations by implementing Single Sign-On (SSO) functionality within their company portals, enhancing user convenience and security.
- Enhanced custom form builder functionality by incorporating a preview feature, allowing users to visualize a constructed form before finalizing it.
- Ensured compliance with regulatory requirements by implementing audit tracking and reporting systems, capturing trial staff and patient engagement on forms.
- Initiated file generation transition from client-side to server-side by architecting a Node.js worker within a Docker image, resulting in a 40% reduction in file generation time and resource utilization.
- Efficiently managed and continuously refined a repository of standard report templates by ensuring consistent formatting and logic adjustments as needed, resulting in a 95% reduction in report errors.

Nisum Technologies   **Mar 2021 – Sept 2021**
Software Engineer   Remote
- Developed a highly scalable e-commerce SaaS with inventory/warehouse tracking utilizing 4 microservices using Spring WebFlux, React with TypeScript, Redux and Apache Kafka. Deployed on Microsoft Azure in a Kubernetes cluster with a Jenkins CI/CD pipeline.

Giveshop   **Nov 2020 – Mar 2021**
Software Engineer   Remote
- Constructed a minimum viable product (MVP) for a donation matching platform using Node.js with PostgreSQL and React with TypeScript.

Shugo   **Oct 2018 – Mar 2021**
Founding Engineer   San Francisco, CA
- Built an innovative React with TypeScript SPA to enhance resource management, foster workforce collaboration, and streamline project planning.
- Implemented seamless live-chat and video communication by building a custom WebRTC signaling server.
- Designed a customizable dashboard to provide an overview of resources, project status, and other key metrics.

EDUCATION

App Academy
Software Engineering / Web Development

University of California, Santa Cruz
Bachelor of Arts, Business Management Economics

SKILLS

Frontend, Backend, React.js, Redux, JavaScript, TypeScript, Ruby on Rails, Node.js, Express.js, HTML5, CSS3, Three.js, Tailwind, SQL, PostgreSQL, MySQL, WebRTC, Socket.io, MongoDB, GraphQL, AWS, Java, Spring, Azure, Kafka, Docker, Jest, Mocha, Agile