

# Darrick Yong

Full Stack Software Engineer (he/him)



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darrickyong.com



darrickyong

## SUMMARY

Detail-oriented Full Stack Software Engineer with 5+ years of experience and passion for creating innovative solutions for a clean end-user experience. Goal-oriented with a results-driven mindset and a proven track record of successful projects and client satisfaction.

## 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

## PROFESSIONAL EXPERIENCE

### Science37, Software Engineer, March 2021 – June 2023

- Spearheaded a dynamic front-end development team in the creation of an advanced reporting dashboard using React with TypeScript and Redux, revolutionizing the workflow for clinical research staff. This innovation significantly reduced the time required 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.
- Efficiently managed and continuously refined a repository of on-demand report templates. Ensured consistent formatting and logic adjustments as needed, resulting in a 95% reduction in report errors and a 40% increase in report generation efficiency.
- Systematically generated audit trail reports, meticulously capturing all end-user interactions, achieving a 100% compliance rate with regulatory requirements and earning recognition from regulatory authorities for maintaining the highest standards of data security and transparency.
- Catalyzed a transformative shift from client-side to server-side file generation by architecting a Node.js worker within a Docker image, resulting in a 40% reduction in file generation time and resource utilization.

### Nisum Technologies, Software Engineer, March 2021 – September 2021

- Conceived and constructed a highly scalable, feature-rich 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.
- Leveraged MuleSoft and DataWeave to integrate CRUD reporting application and automate JSON data transformation

### Shugo, Founding Software Engineer, October 2018 – March 2021

- Architected a cutting-edge Single Page Application (SPA) for resource management, workspace collaboration and project planning using React with TypeScript
- Developed custom WebRTC signaling server and integrated it with a Node.js backend, ensuring seamless peer-to-peer communication for a scalable web application.

### Giveshop, Software Engineer, November 2020 – March 2021

- Constructed a minimum viable product (MVP) for a donation matching platform using Node.js with PostgreSQL and React with TypeScript

## EDUCATION

### App Academy, Web Development / Software Engineering

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