Darrick Yong
Full Stack Software Engineer (he/him)

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OBJECTIVE

Detail-oriented Full Stack Software Engineer with 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

Technical: 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
Soft: Communication, Teamwork, Creative Thinking, Time Management, Decision Making

PROFESSIONAL EXPERIENCE

SCIENCE37, *Software Engineer, September 2021 – June 2023*

- Spearheaded a dynamic front-end development team in the creation of an advanced reporting dashboard using React with TypeScript, revolutionizing the workflow for clinical research staff. This innovation significantly reduced the time required to assess and generate precise treatment plans for patients.
- 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, ensuring consistent formatting and logic adjustments as needed.
- Demonstrated a commitment to regulatory compliance by systematically generating audit trail reports, meticulously capturing all end-user interactions.
- Catalysed a transformative shift from client-side to server-side file generation (e.g., .pdf, .csv, .xlsx) by architecting a Node.js worker within a Docker image, resulting in improved scalability and efficiency.

NISUM TECHNOLOGIES, *Software Engineer, March 2021 – September 2021*

- Built an e-commerce proof-of-concept (POC) with inventory/warehouse tracking utilizing 4 microservices using Spring WebFlux, React/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 2020 – 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, San Francisco, CA
Web Development / Software Engineering

UNIVERSITY OF CALIFORNIA, Santa Cruz, CA
Bachelor of Arts, Business Management Economics