Johnny Wu

Rowland Heights, CA (Open to Relocation / Remote / On-site / Hybrid)
(626) 675-1217 | skydodle@gmail.com | [My Portfolio](#) | [My LinkedIn](#) | [My Github](#)

TECHNICAL SKILLS

Frontend | Typescript, Javascript, React, NextJS, HTML, CSS, Responsive Web Design
Backend | Node, Express, NestJS, SQL, MySQL, PostgreSQL, GraphQL, MongoDB, RESTful API
Testing/Deployment | TDD, Jest, Mocha, Chai, AWS EC2, Vercel, Heroku, NginX, K6
Developer Tools | Docker, Vim, Git, NPM, Webpack, Babel, Jira, BitBucket, AGILE, Microservices Architecture

WORK EXPERIENCE

Software Engineer | HACK FOR LA (Volunteer)   October 2022 - April 2023

- Collaborated with UX designers, product managers, and developers to transform Figma wireframes into intuitive React components, significantly contributing to two key civic tech projects and social initiatives for Los Angeles City's NGO clientele

- Enhanced user experience by leading site upgrades and maintenance on an open-source Jekyll website, focusing on accessibility, visual design, & intuitive interactions. While leading code reviews and composed GitHub documentation to streamline onboarding for new volunteer developers

Software Engineer | PATHLABS.COM   November 2022 - March 2023

- Led the development of a full-stack proof of concept application using Typescript, NextJS, GraphQL, NestJS that pivot the company's strategic transition from monolithic architecture into a dynamic microservices model, enhancing system scalability, maintainability, and cross-team collaboration

- Conceptualized and implemented over 25 front-end features in Javascript requested by clients, performed detailed debugging, recognized as New Engineer of the Month for January 2023

Backend Developer | GOLDENGINE (Freelance)   June 2022 - July 2022

- Designed & optimized a Node Express server with a Postgres database, utilizing K6 stress tests to identify database bottlenecks, optimized query speed from 300 ms to 5 ms locally with max 1000 RPS prior to production

- Deployed 4 AWS EC2 micro instances with NginX load balancer to handle over 3000 requests per second, achieving a 300% increase in throughput and horizontal scalability

Frontend Developer | KATANA (Freelance)   May 2022 - June 2022

- Designed & developed a reusable carousel module for a React-based e-commerce web store. This initiative enabled the integration of multiple interactive product carousels and pop-up modals, significantly bolstering the site's navigability and overall user experience

- Debugged & refactored Axios request timing to reduce data retrieval inconsistencies, improving success rate from 66% to 100%

E-Commerce Product Manager | RICHARD FASHIONS   June 2016 - August 2020

- Spearheaded a marketing project across eBay, Amazon, & Google AdWords by expertly crafting pay per click ad campaigns with broad match keyword, audience targeting, and SEO optimization strategies, boosting listing impressions & increasing sales conversion rate by 23% in 3 months

EDUCATION

Advanced Software Engineering Immersive Program | HACK REACTOR   2022
Responsive Web Design, Javascript Algorithms & Data Structures | FREE CODE CAMP   2021
CS50x Introduction to Computer Science | HARVARD UNIVERSITY EDX PROGRAM   2020