

Johnny Wu

Los Angeles, CA (Open to Relocation / Remote / On-site / Hybrid)
(626) 675-1217 | skydoodle@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 | PATHLABS.COM

November 2022 - March 2023

- Led the development of a full-stack proof of concept application using Typescript, NextJS, GraphQL, NestJS (Node) that successfully facilitated 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

Software Engineer | HACK FOR LA (VOLUNTEER)

September 2022 - present

- Collaborated with UX designers, product managers, & fellow developers to translate Figma wireframe designs into user-intuitive React components for NGO clientele, effectively contributing to 2 of Los Angeles City's public civic tech projects and social initiatives
- Undertook site upgrades and maintenance on the organization's open-source Jekyll website, enhancing user experience for NGO civic tech clients. Simultaneously led code reviews and composed GitHub documentations to streamline onboarding for new volunteer developers

Backend Developer | GOLDENGINE (FREELANCE)

May 2022 - August 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 RPS, achieving a 300% increase in throughput

Frontend Developer | KATANA (FREELANCE)

April 2022 - July 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 from 66% to 100% success rate

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