IVAN WOO
Full-Stack Software Engineer

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Technical Skills

Front End: JavaScript (ES6), React, HTML, CSS, React-Bootstrap/Bootstrap
Back End: Express, Node, RESTful APIs, MongoDB/Mongoose, Sequelize, MySQL, PostgreSQL, Firebase
Tools: Git, Webpack, NPM, Amazon Web Services (EC2), Loader.io, Axios, Nginx, Trello

Software Engineering Applications

Ethical Eatery | React, React-Bootstrap/Bootstrap, Firebase (Cloud Firestore, User Auth)   demo | github
A central hub supporting small restaurants where owners can create a listing to increase visibility and maximize profits
- Developed a landing page with a search feature enabling customers to browse for restaurants by name or type
- Created dynamically rendered listings featuring images, descriptions, and links to menus to allow user interfacing and strengthen traffic
- Drove on-time project completion by coordinating with team members to rapidly prototype a minimum viable product in a span of 1 week and establishing universal styling guidelines across the entire app

Just Scale It | Express, PostgreSQL, AWS EC2, Nginx, k6, New Relic, Loader.io   github
A legacy codebase of Nike's Main Product Display that was optimized in order to handle production-level traffic
- Achieved 355% throughput increase (610rps - 2775rps), 97% latency reduction (2700ms - 88ms), 0.8% error rate
- Horizontally scaled out to two t2.micro instances and deployed a Nginx reverse-proxy server with content caching and Round Robin load balancing to optimize server traffic
- Generated 10 million records of sample data in a CSV file to emulate production-level sample size by querying a sneaker database API and using csv-write-stream package manager
- Migrated from a NoSQL database to PostgreSQL resulting in an increased SQL query speed by 83% utilizing B-tree indexes

Be Champions | React, HTML, CSS, Express, Mongoose, RESTful APIs, Axios   demo | github
A functional and visual mock-up product page of the sportswear brand Champion created by a team of 4 engineers
- Built the Reviews and Q&A microservice by following Service-Oriented Architecture and Agile Methodology, combining separate modules using a reverse-proxy server
- Rendered various dynamic user review features including but not limited to star ratings and comfort/fit/quality rating scales using Vanilla CSS
- Implemented RESTful APIs with Axios to handle client-server requests and user functionalities

Professional Experience

Executive Recruiter
Energize Group | Santa Monica, CA   April 2019 - April 2020
CyberCoders | Irvine, CA   January 2017 - February 2019
Lifetime Career Achievements: Total Billing - $520k; 35 offers, 28 placements
- Consulted with hiring managers up to C-Suite Executives on best hiring strategies to efficiently fill their open roles
- Guided technical candidates throughout the entire interview process to provide a positive candidate experience

Education

Hack Reactor   November 2020 - February 2021
- Advanced Software Engineering Immersive with 1000+ hours of software development and coursework

University of California, Irvine   June 2016
- BA in Business Economics, Dean's Honor List