TONY QIU

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SKILLS

Languages: JavaScript, Java, SQL, Python

Technologies: HTML, CSS, React, Node, Express, MongoDB, Redis, jQuery

Tools: AWS, Jira, Jenkins, Git, Figma, Postman

EXPERIENCE

Tony's Web Designs   June 2022 – Present
Full Stack Developer   Toronto Canada
- Developed and sold custom responsive websites using **HTML, CSS, and JavaScript** to small businesses
- Generated $9250 in new revenue for a client over a 6-month period
- Reduced loading times of a client's website by 37% by delaying image loading using **jQuery** and replacing JPEG and PNG files with WebP and SVG

BrightBearsInfo   May 2021 – Present
Full Stack Developer   Toronto Canada
- Designed and developed a responsive website with blogs, social media posts, and an interactive "meet the team" page
- Consulted with Product Owners to devise key objectives for the website's redesign, resulting in a 72% increase in user traffic 3 months after changes went live
- Improved SEO by redeveloping the site from Wix to custom **HTML, CSS, and JavaScript** files, resulting in 38% reduced loading times

PROJECTS

UX Heat Map Website   January 2023
- Created a website using **React**, **Express**, and **Node** that provides developers a heat map visual of their website's user engagement
- Programmed a **JavaScript** code snippet and RESTful API using **Node**, **Express**, and **MongoDB** to track data on 7 websites, averaging 1000 HTTP requests per day
- Implemented **Redis** caching to store data, resulting in a 65% increase in the possible number of requests handled per second
- Authenticated HTTP requests and prevented unauthorized access to the database using **JSON Web Tokens**

Personal Website   December 2022
- Built the front-end using **React** and developed **RESTful API** routes and CRUD operations using **Node**, **Express**, and **MongoDB**
- Employed **Jenkins'** built-in support for distributed builds and parallelization to improve the efficiency of the CI/CD pipeline, resulting in a 23% reduction in build times
- Deployed using **AWS EC2** and managed server using **Docker**, resulting in a 31% reduction in deployment time
- Utilized **Git** for version control and **Postman** for debugging of RESTful API

EDUCATION

University of Waterloo
Bachelor of Applied Science - BASc, Management Engineering   Sep 2022 - Present