






Benny Luo

Software Engineer

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FRONT END React, JavaScript, CSS, SASS, HTML, Liquid

BACK END Node.js, Express.js, MongoDB, RESTful API Integration

TOOLS Git, Github, Figma, Cypress, Jest, Postman

EXPERIENCE **Web Developer - Pixel Walrus**

Dec 2021 – Present; Toronto, Canada

Toolbox: JavaScript, CSS, HTML, Liquid, Figma

- Created accessible, responsive high traffic web pages
- Reviewed project specifications and designed solutions that met or exceeded performance expectations
- Main point of contact for improving Shopify store themes and working with clients to ensure the best possible user experience
- Implemented features including: Quick Shop, Recently Viewed, Toggle View
- Incorporated styling based on Figma mockups from design teams
- Collaborated with dev lead on sprint grooming, planning, and personal growth. Worked on refining the development process to be more efficient

alphaType - Fullstack Project

Browser game that challenges users to type the alphabet under the pressure of time.

Toolbox: React, Node.js, Express.js, MongoDB

- Users login and signup through JWT authentication
- Top score leaderboard updated through React state hooks
- User data and scores stored through MongoDB
- Integrated responsive design while following accessibility standards and web performance best practices

Vehicle Quality Engineer - Toyota

Sept 2018 - Present; Kitchener, Canada

- Designed the all-new 2025 Toyota RAV4 in collaboration with Japanese engineers
- Improved engineering specifications for seat and seatbelt assemblies
- Implemented seat design solutions resulting in \$900K of annual cost savings
- Applied data-driven approach to resolve quality concerns in fast paced environment (600K vehicles produced per year)

EDUCATION **University of Waterloo**

Sept 2013 - Apr 2018; Waterloo, Canada

Bachelor of Applied Science - Mechanical Engineering

- Main Prize Winner:
Capstone Project - Automated Carbon Fiber Testing Machine