SINA VAHIDI

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SKILLS

- JavaScript/TypeScript
- NodeJS/ExpressJS
- PostgreSQL
- C/C++
- ReactJs
- Git/Bitbucket
- AWS(S3, Lambda)
- Scrum & Agile Methods

PROFESSIONAL EXPERIENCE

Purolator, Mississauga, ON — Sep 2022 – Dec 2022

Software Developer

- Incorporated user and business requirements into cost-effective, secure, and user-friendly full-stack solutions for Purolator Your Way (PYW).
- Led a team of five in developing web accessibility solutions for people with disabilities, resulting in PYW being compliant with WCAG 2.0 AA requirements in less than two weeks.
- Engineered a robust API with Node.js and PostgreSQL for storage and management of delivery preferences, resulting in a 50% reduction in space complexity in comparison to the original API.
- Facilitated the use of AWS Secrets Manager and Parameter Store to securely store and manage configuration data separate from the codebase, eliminating over 10 hours of deployment time per week across the team.

Nomz, Toronto, ON — Jan 2022 – Jul 2022

Lead Web Developer

- Accelerated goal to increase digital sales by creating e-commerce solutions, including theme customization and implementation of third-party apps, resulting in a 40% boost in average daily traffic.
- Overhauled the obsolete legacy source code of the online store by employing HTML, CSS, JavaScript, and LIQUID, resulting in increased usability and a 100% reduction in runtime.

Muncheez Creperie, Toronto, ON — Jan 2019 – Jul 2021

Assistant Manager

- Managed hundreds of inventory items, implementing thoughtful purchasing decisions resulting in a 70% reduction in stock shortages on busy days.
- Maintained a 4.9 Yelp rating by leading and inspiring coworkers in completing daily restaurant tasks, resulting in enhanced customer satisfaction and efficient operations.

PROJECTS

Cube Sorting LEGO EV3 Robot — Oct 2021 – Nov 2021

Robot C

- Expertly designed and programmed a LEGO EV3 Robot using ROBOTC, integrating sensors to achieve precise colour detection and sorting capabilities which resulted in a highly efficient and accurate cube-sorting robot
- Developed an innovative method that employed a PID (Proportional, Integral, and Derivative) control algorithm, which enabled the robot to make real-time adjustments to its path, resulting in a significant increase in sorting accuracy

EDUCATION

University of Waterloo, Waterloo, ON — Sep 2021 – Present

Honours BASc. Candidate in Mechatronics Engineering.