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EXPERIENCE

- Municipal Property Assessment Corporation** Pickering, ON
Systems Developer (6 Months) Sep. 2022 - Present
 - Diligently remedied data consistency and integrity issues caused by upstream database by carefully analyzing historical logs and data backups which led to the remediation of multiple bugs in core systems
 - Proactively protected crucial MPAC systems from potential library based vulnerabilities by continuously monitoring and updating project dependencies resulting in the 100% removal of high risk system breaches
- Municipal Property Assessment Corporation** Pickering, ON
Junior Co-op Systems Developer (12 Months) Jan. 2020 - Dec. 2020
 - Abolished inconsistency of business data for MPAC micro-services by developing a Python RESTful micro-service known as the *Lookup Service* which reduced data inconsistency by 100% for three vital MPAC services
 - Demolished the need for Business Analysts to concern system developers when business data required updates by creating a React.js frontend interface for the *Lookup Service* saving developers and analysts hours of time
 - Prevented 99% of application bugs for the *Lookup Service* by developing a robust unit testing suite containing over 300 test cases covering 93% of the codebase which drastically expedited the development process
 - Brought a vision for the new MPAC Insight workflow to life by developing dashboard module prototypes using React.js that was powered by Ontario housing data which was well received by upper management

SKILLS

- Backend Technologies:** Node.js, Python, Java, SpringBoot, C, Rust, Groovy, Haskell
- Web Technologies:** JavaScript, TypeScript, React.js, React Native, Vue3, TailWind CSS, Bootstrap, CSS, Expo
- Database Technologies:** MongoDB, SQL, PostgreSQL, DocumentDB, Neo4J, SQLite
- Cloud Technologies:** Amazon Web Services, DigitalOcean, Docker, Rancher, Vercel

PROJECTS

- Air Toronto**  : Comprehensive flight ticket booking system built with Vue3 that interacts with a Node.js backend that utilizes synchronous task queues with workers to process application webhooks and emails.
- Pawsup:** Mobile application that enabled clients to purchase pet services built with React Native through Expo to deliver mobile app for both Android and iOS environments.
- Jeopardy**  : Game of Jeopardy that allowed two teams to play a full fledged game with live score tracking that was built using React and Redux for state management.
- Portfolio**  : Personal portfolio site made using React.js utilizing TailWind CSS deployed on Vercel.
- Supreme Car Rentals**  : Car rental application built using Java Swing powered by an embedded SQLite database which allowed clients to rent cars and receive an auto-generated printable PDF invoice with booking details.

EDUCATION

- University of Toronto** Toronto, ON
Honours Bachelors of Science in Computer Science; GPA: 3.89/4.00 2022

CERTIFICATES

- Focus on Information Technology (FIT)** – Software Design and Development Jun. 2018
- Focus on Information Technology (FIT)** – Network Systems and Operations Jun. 2018
- Cisco** – IT Essentials Jun. 2018