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## EDUCATION

### McGill University

Montreal, QC, Canada

- Bachelor of Engineering - BE, Software Engineering

September 2020 - April 2024

## LANGUAGES AND SKILLS

- **Languages:** Java, Python, SQL, C, JavaScript, HTML, CSS, Swift, Bash
- **Framework/Libraries:** React.js, Vue.js, NumPy, Pandas, scikit-learn, Spring, SwiftUI
- **Version Control:** Git, GitHub, GitLab

## WORK EXPERIENCE

### CPK Solutions

*IOS Full-Stack Developer*

**May 2023 - Present**

*Montreal, QC, Canada*

- Created and assimilated modular **SwiftUI** views for displaying, searching, and filtering products, employees, and customers, providing a reliable, reusable, and structured way to display data to users.
- Integrated **Stripe API** and maintained backend **Java** server to handle secure checkouts, ensuring a safe and secure payment process.
- Wrote and optimized the interactions and queries with **AWS Amplify database** resulting in faster more efficient data fetches and reducing latency.

## PROJECTS

### Soccer World Cup Database (Java, db2, JDBC)

**January 2023 – May 2023**

*Data Engineer*

- Designed and implemented the architecture and schema for the soccer database, ensuring data integrity and scalability.
- Automated table creation and population using Bash scripts, reducing manual errors, and saving time for future database updates.
- Optimized the database performance by fine-tuning queries, resulting in faster response time and improved query performance.

### PourDecisions (JavaScript, React.js, HTML, CSS, MongoDB, Figma)

**January 2022 – May 2022**

*Full-Stack Developer*

- Created an online drink sharing platform allowing users to share, save, and randomize drink recipes in a 10-person team enforcing Agile practices.
- Designed and implemented frontend pages for creating accounts and user profile, ensuring an effortless and seamless usage for improved user experience.
- Developed efficient REST APIs for managing user accounts, providing secure, structured, and reliable backend functionality.

### Online Library Website (Java, JavaScript, Android Studio, Vue.js, HTML, CSS, PostgreSQL)

*Full-Stack Developer & Testing Lead*

**September 2021 – December 2021**

- Built a library website allowing users to browse catalogs, rented items and allow head librarians to manage staff in a 6-member team enforcing Agile practices.
- Led testing efforts, overseeing, and managing a team of 3 testers to ensure the design, writing and execution of dependable and high-quality test cases for persistence layer testing, unit tests, and integration tests achieving 92% code coverage.
- Developed REST APIs for creating, deleting, and modifying employee profiles and library info, streamlining employment and information management for head librarians.