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Vy-Kha Huynh

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EDUCATION

McGill University **September 2020 - April 2024**
Montreal, QC, Canada

- Bachelor of Engineering - BE, Software Engineering

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 **May 2023 - Present**
IOS Full-Stack Developer *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** and maintained backend **Java** server hosted on **Netlify** to handle payments, streamlining the payment process for restaurants and customers resulting in an improved user experience.
- Wrote and optimized the interactions and queries between the app and **AWS Amplify database** resulting in faster and more efficient data fetch and reducing response time.

LXT AI Inc **May 2022 - September 2022**
AI French Transcriber *Mississauga, ON, Canada*

- Transcribed over 150,000 audio utterances in French to aid in the software development and enhancement of voice recognition for major tech companies, resulting in a 96% accuracy rate.
- Assisted in the software development and training of voice recognition by swiftly providing accurate transcriptions, consistently maintaining a speed between 300 and 350 utterances per hour.

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, designed, and executed persistence layer testing, unit tests, and integration tests to ensure system stability and reliability achieving 88% code coverage.
- Oversaw and managed a team of 3 testers to ensure the design, writing and execution of dependable and quality test cases.

- Developed REST APIs for creating, deleting, and modifying employee profiles and library info, streamlining employment and information management for head librarians.

Online Car Shop Backend (Java, JavaScript, Spring, Umple, HTML, CSS)
Backend Developer **January 2021 – May 2021**

- Programmed a car shop website backend for managing garage appointments in a 6-member team enforcing Agile practices.
- Developed the business functions for viewing and managing appointments page, resulting in a streamlined process for sales representatives and a refined user experience for customers.
- Implemented RESTful APIs for scheduling, canceling, and updating appointments, as well as offered services to allow users to receive data within 0.5 seconds, increasing throughput and decreasing response time.