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| **PROFILE** |
| As a permanent resident with open working permits in Canada, I bring a diverse range of software development expertise across various industries, including the casino, IT information, and health sectors. My experience encompasses the entire software development lifecycle, from design and development to deployment, testing, maintenance, and implementation.  I have excelled in roles as both a web application developer and a mobile developer, demonstrating proficiency in crafting user-friendly and robust software solutions. My track record includes leveraging cutting-edge technologies and best practices to deliver high-quality products that meet the unique needs of each industry I've worked in. |
| **SUMMARY** |
| * 3 years software development working experiences in entire software development lifecycle. * 3 years database working experiences in both SQL and NoSQL database (MySQL, DynamoDB, SQLite, MSSQL). * 2+ years in Java (8, 11, 17), with experiences in Spring boot, microservices, Restful APIs, and Selenium. * 2+ years in JavaScript, with experiences in React.js, Node.js, Express.js, TypeScript, and Next.js. * 2+ years knowledge of HTML, CSS (material ui, bootstrap). * 2+ years in version Control system with Git. * 1+ streaming real time data with Kafka and WebSocket. * 1+ years in cloud environment tools with Docker, Splunk, Dynatrace, and Kubernetes. * 9 months in C#, with ASP.NET. * 6 months in Android development, with Kotlin, and AWS services (S3, DynamoDB, Amplify). |
| **WORK EXPERIENCE** |
| **Java Developer,** Bally’s Corporation, *June 2022 – October 2023*   * Configured and deployed Members, Registration, Login, Cashier, Incentive, and Unicorn projects in accordance with the requirements of different jurisdictions. * Developed backend microservices with **Spring boot**, MySQL, and Restful APIs, and frontend with **React.js**, **TypeScript.js**, **Express.js** and **Node.js** to improve the rollout process. * Leveraged Kafka to facilitate communication and data streaming within the projects, enhancing scalability and real-time processing capabilities. * Build and run projects with Maven and Docker. * Maintained the project with Git and GitHub as a VCS. * Investigated bugs by Splunk, Dynatrace, and Kubernetes. * Manipulated MySQL database by Liquibase. * Create unit test with Junit, and Jest.   **Software Developer,** WIMTACH, *January 2022 – June 2022*   * Implemented the login, signup, chat, and onboarding modules of Gravvity Chat Application in **Kotlin** with **AWS Amplify** * Worked on **POC** for **AWS Kinesis WebRTC**, **AWS AppSync**, and **WebSocket** and presented it to a project manager and an architecture team. * Enhanced **authentication management** with the implementation of **AWS Cognito** * Engineered real-time chat feature with **AWS Kinesis WebRTC**, **WebSocket**, and **Firebase.** * Maintained the project with **Git** and **GitHub** as a **VCS** * Designed and consumed data in **SQLite** with room database library by building **DAO**, models, and repository to execute chat functions. * Implemented **DynamoDB** to save chat messages. * Built asynchronous functions by **Kotlin Coroutines** when consuming **REST API**s and updating UI to avoid main thread block and execute suspend functions.   **Full-Stack Developer,** Alpha Labs, *December 2020 – August 2021*   * Improved data retrieval from MSSQL to ASP.NET by updating queries and action structures to avoid creating database connections in a loop. * Built service layer, view model, and controller to implement emergency alert, booking appointment, and staff portal functions. * Migrated vanilla CSS to Bootstrap layout for a patient booking appointment project. * Developed UI functions by jQuery and Ajax such as creating or updating information without refreshing page and shifting partial views. * Used Selenium to implement automation test suite that builds test scripts for patient portal, staff portal, dashboard, and critical projects. |
| **PERSONAL PROJECT** |
| **Stock Watch,** *December 2023 – January 2024 (*[*https://github.com/constantlyTiTi/StockWatch*](https://github.com/constantlyTiTi/StockWatch)*)*   * Developed a high-performance backend system using Spring Boot integrated with Apache Kafka for enhanced real-time processing capabilities. * Established and configured an Apache Kafka environment seamlessly using Docker containers, ensuring a robust and scalable foundation for data processing. * Constructed a dynamic frontend utilizing Next.js, Node.js, Express.js, and WebSocket technologies to create an interactive and responsive user interface. * Implemented real-time data retrieval from third-party APIs, enhancing the application's ability to provide up-to-the-minute information for an improved user experience. |
| **EDUCATION** |
| **Centennial College**  Advanced Diploma (High Honours), *Software Engineering Technology (Co-op)*  **Aston University**  Master Degree of Science, *Pharmaceutical Sciences*  **Shenyang Pharmaceutical University**  Bachelor Degree of Science, *Pharmacy* |