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| **HIGHLIGHTS** |
| Extensive Java Development | Full-Stack Development | Database Expertise | DevOps and Version Control | Agile Development and Collaboration | Technical Design and Documentation | Cloud and Infrastructure Knowledge | Continuous Learning and Problem-Solving |
| **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 tools with **Spring boot** and **React.js** to improve the rollout process. * 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.   **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 * 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 – present (*[*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,** 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**, *2022*  Advanced Diploma (High Honours), *Software Engineering Technology (Co-op)*  **Aston University***, 2013*  Master of Science  **Shenyang Pharmaceutical University***, 2009*  Bachelor of Science |
| **SKILLS** |
| * **Languages:** Java, Kotlin, C# (.NET), JavaScript, GraphQL * **Frameworks/Libraries:** ASP.NET, React, Node.js, Spring, Selenium, jQuery * **DBMS/Servers:** SQL Server, AWS, Firebase |