ANKITHA RALLA

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**EDUCATION**  
 **George Brown College** Toronto, ON (Sep 2022 – April 2025)  
 Advanced Diploma in Computer Science (Expected Graduation: 2025)

Course On Udemy: Android Application Development Master Course Using Java

**Experience:**

**Android Application Development Using JAVA**

* Created a feature-rich mobile application for small business management in Android Studio, demonstrating strong skills in Java and mobile app development.
* Optimized data handling and state management, ensuring the app's smooth performance and reliability.
* Designed modern, user-friendly interfaces following Material Design principles to enhance user experience and usability.
* Demonstrated expertise in debugging and resolving technical issues, ensuring the timely and successful delivery of the application.

**JAVA**

* Built an HRM and Payroll System using JavaFX, emphasizing expertise in Java programming and graphical user interface design.
* Applied robust data management techniques to improve the accuracy and security of employee data.
* Developed user-friendly interfaces to streamline accessibility for HR personnel and enhance user experience.
* Successfully addressed complex technical challenges, ensuring the HRM and Payroll System’s efficiency and reliability.

**C# (OOP)**

* Designed a Flight Reservation System with an intuitive graphical interface, incorporating comprehensive error handling and validation for input fields.
* Enhanced the system by adding functionality for managing customer and flight data, ensuring data consistency and preventing duplicate entries.
* Integrated booking functionality to enable users to create and review bookings, incorporating validation for available seats, customer IDs, and flight IDs.
* Implemented constraints to restrict the deletion of flights and customers based on booking status while maintaining accurate records for flights, customers, and bookings.

**PROJECTS**

* Flight Reservation System
* HR Management and Payroll System
* Student Management System
* ManageX
* Created Web Pagesin HTML
* Fashion MNIST Classification with Deep Learning

**TECHNICAL SKILLS**

* Programming Languages: C#, Java, Android Development using Java.
* Tools and Technologies: Android Studio, Firebase, Microservice Development, Docker, Oracle, SQL Server, Git/GitHub.
* Software Experience: IntelliJ IDEA, Visual Studio, VS Code, Visual Paradigm, Apache NetBeans, MySQL, and Oracle.