

# RIDDHI MAKWANA

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## SUMMARY:

Enthusiastic and detail-oriented skilled in Java, Android Development, Firebase, and Web Technologies. Skilled in creating innovative mobile and web solutions, with hands-on experience from completing a postgraduate diploma in Mobile Solutions Development. Ready to apply technical skills in real-world projects as a fresher in the software industry.

## TECHNICAL SKILLS:

**Programming Languages:** Java, Python, C#.

**Web Development:** HTML, CSS, JavaScript, Node.js, Flask, REST API, TypeScript (Angular).

**Database:** MySQL, MongoDB, PostgreSQL, Firebase.

**Tools and Technologies:** Git, Azure, Android Studio, Docker, Linux.

**Development Methodologies:** Agile, Test-Driven Development.

## PROJECTS:

### Compostify Application:

Android Studio, Java, Firebase

January 2024 – April 2024

- Created a mobile platform connecting sellers of organic waste with buyers (e.g., fertilizer companies).
- Managed user data (profile, location, transactions) using **Firebase** for real-time database synchronization.
- Developed the **backend using Java** to handle user interactions, transactions, and data processing.
- Developed location-based search features to help users find nearby sellers and buyers.
- Implemented **Firebase Authentication** for secure user login and data protection.
- Optimized app performance with real-time updates for waste listings and transactions.

### Newcomer's Application:

Android Studio, Java, Firebase

May 2023 – August 2023

- Developed a mobile app to help international students find accommodation and transportation in Canada.
- Integrated **Firebase** for secure user authentication and real-time data management.
- Developed the **backend using Java** to manage user data, including profiles, locations, and app logic.
- Designed a user-friendly interface in **Android Studio**, optimizing for mobile devices.
- Enabled smooth user experience with instant updates on accommodation and transportation options.

### Salon Management Web Application:

C#, HTML, CSS

January 2023 – April 2023

- Developed a web application with two user roles: Admin (view and manage appointments) and Customer (view and manage personal appointments).
- Designed a responsive user interface using **HTML** and **CSS**, ensuring a seamless experience across devices.
- Implemented **session-based authentication** for secure login/logout functionality.
- Utilized **C#** for backend logic, ensuring smooth interaction between the front-end and database.
- Enabled real-time appointment management with automated updates.

## EDUCATION:

**Postgraduate Diploma, Mobile Solution Development**

Conestoga College, Waterloo, ON

**Bachelor of Engineering, Electronics and Communications**

Government Engineering College – Gujarat, India

## CERTIFICATIONS:

**Git Essential Training:** LinkedIn Learning Certificate

**Amazon Web Services (AWS) and Cloud Computing:** LinkedIn Learning Certificate