

# Ashwin Dhakal

✉ ashwin.dhakal007@gmail.com    ☎ 984-4888978    🌐 ashwind.com.np    📄 ashwindhakal007  
🎮 theeddiestudio/JDjunior057

## Profile

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Graphics Designer and Game Developer with an engineering background (B.E. Electronics, Communication & Information). Proficient in C/C++, C#, Python, game engines (Unity, Unreal), Machine Learning, graphics design, and 3D modeling. Ready to apply diverse skills to challenging projects.

## Education

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### IOE, Purwanchal Campus

*Dharan, Nepal*

*Bachelor in Electronics, Communication and Information Engineering*

*2020 – 2024*

- Object Oriented Programming, Artificial Intelligence, Data Mining, Computer Graphics, Multimedia System, Database Management Systems, Data Structures and Algorithms, Discrete Mathematics, Computer Network, Object Oriented Software Engineering, Design Patterns, Digital Logic, Microprocessors, Operating Systems, Embedded Systems, Control Systems, Web Technologies, Computer Architecture and Organization

## Experience

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### IT Cheif | Event Manager | Graphics Designing

*Itahari, Nepal*

*Leo Club of Itahari Professionals*

*July 2021 – June 2022*

- Gained Massive Experience with Graphics Designing and Event Management
- Built Collaborative and Communicative skills, with environment of learning and growing together.
- Experimented with various techniques and experiences regarding Graphics Designing and Management

## Projects

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### [Flutter Weight Tracker](#)

*Feb 2025 – present*

A Flutter Application Designed for Personal Use, for tracking weights, by keeping weekly averages and plots against various graphs, such as Weekly or MW Graphs.

- Tracks Body weights four times in a day, namely Morning, Day, Evening and Night. This calculates the average for the day.
- Calculates weekly average for each week, and involves complex calculations to identify a week. (Using Weekdays to find a week, till last Sunday to current is a week identifier.)
- Allows storage and history of data with local storage Database Management System.
- Plots various Graphs, for Daily or Weekly weight tracking.
- Newly added feature for body fat calculation and database storage.

## Skills

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**Technical:** Excellent with Office Applications and Various Operating System Environments like Windows and Linux

**Graphical:** Worked with Adobe Photoshop and Adobe Illustrator, in Banner Design and Logo Design

**Mathematics:** Proper understanding of Calculus, Coordinate Geometry, Vectors and Scalars, Transforms and Matrix

**Languages:** English (fluent), Nepali (native), Hindi (fluent)