

# Batoul Hassan Nouredine

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*Full Stack Software Engineer*

batoulnouredine77@gmail.com | 📞 +961 81 944 520 | GitHub: batoul04 | Lebanon (Beirut | Tyre)

## Professional Summary

*Computer Science graduate (BS in CS & IT) with a strong foundation in web and mobile development, database systems, and machine learning. Skilled in Python, Java, Flutter, PHP, and Laravel, with hands-on project experience in full-stack development. Passionate about building scalable applications and enhancing user experiences.*

## Projects

### 1. Fluffy – Virtual Pet Mobile App (Flutter, PHP, MySQL)

- Developed a cross-platform mobile app where users adopt and interact with a virtual pet.
- Implemented engaging features: feeding animations, customizable pet profiles, and naming functionality.
- Created interactive mini-games (Tic-Tac-Toe vs. computer AI, Math Quiz, Memory Matching Game).
- Managed user data and game scores using backend services and database integration.

### 2. Betflix – Streaming Platform (Laravel, JavaScript, ML)

- Developed a Netflix-like platform with user commenting and a recommendation system based on genre, likes, and viewing history.
- Implemented machine learning (JavaScript) to personalize content suggestions.

### 3. Hospital Management System (PHP, JavaScript, MySQL)

- Built a multi-role system (Admin, Doctor, Patient, Appointment Manager) with real-time appointment scheduling.
- Integrated features: patient ratings, appointment rescheduling, and automated notifications.

### 4. Bakery & Café Website (PHP, JavaScript, MySQL)

- Created a responsive site with table booking, menu selection, and payment integration.
- Reduced customer wait time by 30% with pre-order functionality.

### 5. Movie Recommendation System (Python)

- Designed a collaborative filtering model to suggest films based on user preferences.

## Education

*Bachelor's in Computer Science & IT*

*Lebanese International University (LIU) | 2025 | GPA: 3.14*

*Relevant Coursework: Data Structures & Algorithms, Machine Learning, Database Systems, Software Engineering, Network Security, Web/Mobile Development*

*Honors: Dean's List, Winner of University Robotics Project*

## Certifications

*Cisco Certified in Network Security | 2025*

*CCNA: Switching, Routing, and Wireless Essentials | 2024*

## Technical Skills

*Languages: Python, Java, C++, PHP, JavaScript (ES6+)*

*Web Dev: HTML/CSS, Laravel, AJAX, JSON, REST APIs*

*Mobile Dev: Flutter, Dart*

*Databases: MySQL*

*Tools: Docker, Git*

*Certifications: Cisco (CCNA & Network Security)*

## Additional

*Languages: Fluent in English & Arabic*

*Soft Skills: Problem-solving, teamwork, adaptability*