



# L.B. LOCHANA CHAMOD

Undergraduate - Information Technology | Aspiring Software Engineer

## CONTACT

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## EDUCATION PATHWAY

### BSc (Hons) Computer Science (Top-up)

University of Bedfordshire, UK  
Expected upon completion of HDIT

### Higher Diploma in IT (Ongoing)

SLIIT City Uni (Currently Year 2, Sem 2)

Key Modules: DSA, OOP (Java), Database Systems, Networks II, OS, Web Dev, Software Engineering, Computer Security.

### Foundation Certificate in IT (FCIT)

SLIIT City Uni

Focus: Programming Fundamentals, Computer Systems, Systems Analysis.

### Certificate in Artificial Intelligence

SLIIT City Uni

## PROFILE SUMMARY

Highly motivated IT undergraduate currently pursuing a Higher Diploma at SLIIT City Uni, progressing toward a BSc in Computer Science. Built a robust academic foundation through the FCIT and HDIT programs, gaining in-depth theoretical and practical knowledge of **Object-Oriented Programming (Java), Data Structures & Algorithms (DSA), Database Management Systems, Computer Networks, and Software Engineering principles**. Passionate about applying this knowledge to solve complex problems, demonstrated by hands-on experience in developing full-stack web applications, versatile Android mobile apps, and AI models. Eager to contribute to innovative tech solutions in a dynamic Software Engineer or Intern role.

## KEY PROJECTS

### E-Commerce Platforms (GameSpotter, PetPlaza, WallWhimsy)

PHP, MySQL, HTML, CSS, JS, Bootstrap

Developed full-stack e-commerce web applications handling front-end UX and back-end operations.

- Designed responsive interfaces with dynamic product catalogs and secure shopping carts.
- Implemented user authentication and managed inventory data using complex MySQL queries.

### Match Outcome Prediction Model

Python, Pandas, NumPy (AI/ML)

Developed a predictive model to analyze sports match data and forecast outcomes.

- Performed extensive data cleaning and pre-processing on large historical datasets.
- Applied statistical analysis and machine learning techniques to identify predictive factors.

G.C.E. Ordinary Level

St. Joseph Vaz College  
Achievement: \*\*9 'A' Passes\*\*

TECHNICAL SKILLS

Java (OOP)

Python

C#

JavaScript

PHP

HTML5/CSS3

React.js Basic

MySQL

MongoDB

Firebase

Android Studio

Pandas/NumPy

Git/GitHub

Data Structures & Algorithms

SOFT SKILLS

- ✓ Problem Solving & Logic
- ✓ Team Collaboration
- ✓ Adaptability & Fast Learning
- ✓ Professional Communication
- ✓ Time Management

FastTrack Logistic (Patient Management App)

Android Studio, Java, XML, Firebase

Engineered an Android application to streamline patient data management for healthcare.

- Developed a user-friendly dashboard for efficient patient record tracking and retrieval.
- Integrated real-time data handling (using Firebase) for appointment scheduling.
- Focused on clean Java code architecture for maintainability.

FilmFolio & Readify (Mobile Applications)

Android Studio, Java

Created two distinct Android applications showcasing UI/UX and functional design:

- **FilmFolio:** A movie streaming app with categorized listings, search, and media playback.
- **Readify:** An e-book reading app designed for an optimal digital reading experience.

Mobile Number Tracker Script

Python

Wrote a Python script utilizing APIs to identify service provider details and approximate location data based on mobile number input, demonstrating practical scripting capability.