

SMRITI GHALAN

Full-Stack Web & Android Developer

Kathmandu, Nepal

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EDUCATION

The British College (Leeds Beckett University)

September 2022 – September 2026

Bachelor of Science in Computer Science

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, PHP, Kotlin, C++, C#, SQL

Web Technologies/Frameworks: Django, Laravel, Node.js, FastAPI, Tailwind CSS, Bulma CSS

Mobile Development: Android, Jetpack Compose, Room Database, Navigation Compose, Material Design 3, REST APIs

Databases: MySQL, SQLite

Developer Tools: Android Studio, Git, GitHub, Postman, XAMPP, phpMyAdmin, Composer, VS Code, MySQL Workbench

PROJECT EXPERIENCE

AI-Powered Home Service Hiring Platform

Android Development | Kotlin, Jetpack Compose, REST APIs, MySQL

- Developed an AI-powered home service hiring platform connecting users with service providers through an integrated booking and service management system.
- Implemented user, worker, and admin modules with service requests, worker registration, document verification, bookings, payments, ratings, and notifications.
- Developed Android interfaces using Kotlin and Jetpack Compose, implementing Navigation Compose and Material Design 3 for a responsive mobile experience.
- Designed database structures and integrated REST APIs to manage users, workers, services, bookings, payments, and ratings.
- Implemented an AI-based price prediction system to estimate service prices based on market price, demand, location, rating, and experience.

Educational Administration System – myEduSite

Laravel, PHP, MySQL, Blade, Tailwind CSS

- Developed an educational administration system using Laravel and PHP with student, teacher, module, and role management functionality.
- Implemented authentication, role-based access control, CRUD operations, database relationships, and dynamic dashboards.
- Designed and managed MySQL database structures supporting student enrollment, teacher-module relationships, and academic administration.

Pickles Shop Website

Django, Python, MySQL/SQLite, HTML, CSS

- Developed a full-stack website for a pickles shop using Django and Python.
- Implemented product management, database models, image handling, dynamic content, and responsive web interfaces.
- Integrated Django backend functionality with MySQL/SQLite for structured and efficient data management.

TicTacToe – Play and Have Fun!!

Kotlin, Jetpack Compose, Room Database

- Developed an Android TicTacToe game using Kotlin and Jetpack Compose with an interactive and user-friendly interface.
- Implemented Home, Game Mode, Game Board, Result, and How to Play screens using Navigation Compose.
- Integrated Room Database for local data persistence and implemented game logic and result handling.