

# Research Devkota

## Links

- Github: [itsresearch](#)
- LinkedIn: [researchdevkota](#)
- Portfolio: [devkotaresearch](#)

## Skills

### PROGRAMMING

Python, JavaScript, HTML, CSS

### FRAMEWORKS

Django, Django REST Framework, React

### DATABASES

MySQL, PostgreSQL

### TOOLS

Docker, Git/GitHub, VS Code, VirtualBox

### OPERATING SYSTEMS

Linux, Windows

## Education

2021 - PRESENT

### BACHELOR OF INFORMATION MANAGEMENT

Nepal Commerce Campus

CGPA: 3.5 (expected)

2018 - 2020

### HIGHER SECONDARY (+2)

#### SCIENCE FACULTY

Kathmandu BernHardt Secondary School

## Certifications

FEB 2025

### Crash Course on Python —

Google

Verify here

JAN 2025 – APR 2025

### Python Django Development —

Broadway Infosys Nepal

OCT 2023

### Introduction to Frontend Development —

Meta

Verify here

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## Experience

JULY 2025 - PRESENT **Python Instructor**

Online / Part-time

Conducting online classes for Python and Scratch for students of various age groups. Designed structured lessons, interactive tasks, and project-based learning. Part of a tech education company funded by Shark Tank Nepal (2025).

*Python, Teaching, Mentoring*

## Projects

2025 **GharSewa – Home Services Platform**

Django, SQLite, Bootstrap

A home service booking platform featuring Google sign-in, user accounts, admin dashboard, and service listings for plumbing, painting, electrical, and maintenance work.

GitHub: GharSewa

2025 **Online News Portal**

Django, SQLite, Docker

Created a dynamic news portal with category-wise browsing, clean UI, admin panel, and responsive layout. Designed to be lightweight, fast, and simple for users.

GitHub: News-Portal

2025 **Student Management System — Django**

Django, PostgreSQL, Docker

Developed a complete Student Management System with modules for students, teachers, classes, homework, and administration. Implemented authentication, clean architecture, modular apps, and demo-data seeding. Supports local and Docker deployment.

GitHub: Student-Management-System

2025 **Jarvis Voice Assistant**

Python, Vosk, Tkinter

Built an offline real-time voice assistant supporting wake-word detection, Nepali/English commands, automation tasks, GUI, and app control.

GitHub: Jarvis

## Achievements

JAN 2024 **GitHub Workshop — NCC BIM Connect**

Attended a hands-on GitHub workshop focusing on repository management and version control.