

# NAMGAY WANGCHUK

Bonday, Paro | 17333748 | [Github](#) | [nam68wan@gmail.com](mailto:nam68wan@gmail.com)  
Rinchending, College of Science and Technology

## PROJECTS

---

Personal Website: [Render Link](#)(For additional information)

### Bubble Sheet Correction System

- Developed an automated system for grading multiple-choice bubble sheets using Optical Mark Recognition (OMR) and Optical Character Recognition (OCR).
- Utilized Python, OpenCV, and EasyOCR to enhance image quality, detect marked bubbles, and recognize student IDs.

### Instagram Clone (In Progress)

- Developed a full-stack web application inspired by Instagram, focusing on key features such as user authentication, pagination, and RESTful API development.
- The messaging feature is currently under development; the frontend UI design is complete, but the backend implementation and WebSocket integration for real-time messaging are pending.

### Pokedex Web Application

- Developed a responsive Pokedex web application using Vanilla JavaScript, enabling users to search, browse, and mark Pokemon as favorites by fetching data from the PokeAPI.
- Implemented features like infinite scrolling, a favorites list, and tracking seen Pokemon. [Github Link](#)

## EDUCATION

---

Gaselo HSS, Wangduephodrang  
Bachelor of Engineering in Software Engineering

2017-2022  
2023 - Present

## SKILLS & INTEREST

---

**Software:** (*proficient*): Python, NumPy, Matplotlib, HTML/CSS, Git. (*familiar*): JavaScript, React, Node.js, Hono, Express, Shadcn, WebSockets, OpenCV, EasyOCR, RESTful API.

**Languages:** English and Dzongkha.

**Hobbies:** Hiking, Reading, Outdoors.