

# Tshering Gyeltshen

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## PROFILE

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Computer Science student specializing in AI and Data Science with a strong foundation in full-stack web and App development. Dedicated to continuous learning, personal growth and exploring emerging technologies. My work blends creativity with technical precision and a problem solver who prioritizes efficiency in software development.

## EXPERIENCE

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### **Internship Experience at No Mind Bhutan:**

AI Intern | [No Mind Bhutan], [Thimphu] | [August 2023] - [June 2024]

Assisted in troubleshooting hardware and software issues for end-users.

Collaborated with the IT team to implement system updates and ensure network security.

### **Internship Experience at DrukAir:**

IT Intern | [DrukAir Cooperation Limited], [Paro] | [15 December 2025] - [14 January 2026]

Architect and Deployed KB Online: Developed a high-impact, centralized internal portal designed as a unified ecosystem to digitize departmental operations.

Modular Subsystem Development: Engineered and integrated multiple core systems.

Full-Stack & Microservices Architecture: Leveraged a full-stack approach using Dockerized microservices to ensure modularity, scalability, and environment consistency.

Enterprise-Grade Security: Engineered a robust User Management framework to handle centralized authentication and Role-Based Access Control (RBAC) across all integrated systems.

### **Internship Experience at T3 Cloud:**

IT Intern | T3 Cloud], [Thimphu] | [12 January 2026] - [7 February 2026]

During my internship at T3 Cloud, I strengthened my software engineering foundations through intensive mentorship and I even got to learn Elixir and the Phoenix framework, their core tech stack. I actively contributed to product testing and quality assurance cycles.

## EDUCATION

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Bachelor of Computer Science (AI Development & Data Science)

Gyalpozhing College of Information Technology, Bhutan

2022 – 2026

Higher Secondary School (Science)

Damphu Central School, Bhutan

2019 – 2021

## PROJECT

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### PoYo-Pocket Yoga (February 2023 - June 2023)

- Role: AI Developer
- An AI-powered yoga assistant that leverages computer vision and gamification to deliver engaging, interactive, and guided yoga sessions.

### Zora AI (February 2024 - June 2024)

- Role: UI & Front-End
- ZORA is an AI-powered learning platform that enhances education for Bhutanese students by blending traditional study methods with modern digital tools. It offers curriculum-aligned answers, personalized learning paths, and AI-generated quizzes and courses to reinforce key concepts.

### Zeebar Resort Website (March 2023 - April 2024)

- Role: UI & Front-End
- A comprehensive room booking and reservation platform for Zeebar Resort, featuring seamless online payment integration for a secure and convenient guest experience

### RAG Chatbot for ACC (August 2025 - Current)

- Role: UI & AI development
- A secure, on-premise Retrieval-Augmented Generation (RAG) agentic chatbot designed to enhance investigative capabilities. This system leverages advanced AI to autonomously analyze structured Call Detail Records and investigative documents, delivering rapid insights and supporting data-driven decision-making for investigative teams.

## ACHIEVEMENTS AND AWARDS

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### GCIT x TashiCell Hackathon Winner

- Won the Tashi Cell hackathon with an AI-powered chatbot.

### Best Project of 2024 (GCIT)

- Received the Best Project Award for developing an AI-powered yoga platform.

### SHIFT Campaign Workshop

- Attended the SHIFT Campaign Workshop under "Save Your Children," gaining valuable insights into effective campaign development and contributing an AI-powered learning platform.

### Cyber CTF Challenge Track 1 Winner

- GCIT, Govtech and JNEC held cyber CTF challenges. It was a 5 man per group jeopardy style. Me and my team (Scorpion) scored the highest point and we won the CTF challenge for track 1. On track one there were tasks from cyber fields like forensics, cryptography, general, Web App Sec , OSINT, Threat Hunting.

## **PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS**

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Robotic Process Automation (RPA) Course	2024
Google UI/UX certification, Coursera	2022
Stanford Machine Learning Specialization, Coursera	2024
AWS cloud foundation, AWS	2023

## **SKILLS**

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### **Technical Skills**

- Programming Languages: Python, HTML, CSS, JavaScript, Java, C#
- Web Frameworks: React js, Next js, Tailwind CSS
- Backend: Node js,
- Database: MongoDB, Postgress
- AI & Machine Learning: Large Language Models (LLMs), Natural Language Processing (NLP), Retrieval-Augmented Generation (RAG)
- Data Science: Data Analysis, Data Visualization Tools
- Project Management: Agile Methodologies.

### **Soft Skills**

- Collaboration & Communication: Effective Communication, Teamwork, Collaboration
- Strategic Thinking: Product Strategy, Creativity, Innovation
- Personal Attributes: Adaptability, Quick Learning

### **Language**

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- English
- Dzongkha

## **REFERENCES**

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Mr. Ugyen Dhendup, CEO of NoMindBhutan [ugyentechofficial@gmail.com](mailto:ugyentechofficial@gmail.com)

Mr. Kinley Tshewang Dendup, Associate IT Officer of DrukAir [kuenleytdendup@drukair.com.bt](mailto:kuenleytdendup@drukair.com.bt)