



Sapuna Mongar

Contact Information

Gyalpozhing College of Information Technology
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PERSONAL SUMMARY

Driven computer science graduate specializing in blockchain, UI/UX, fullstack development and cybersecurity basics. Skilled in designing user-focused applications, conducting blockchain research, and building decentralized solutions. Contributed to projects including NorbNode, ChainScholars, and DrukAgriChain, with exposure to real-world stakeholders such as the Ministry of Agriculture, NIA, and GovTech. Strong background in teamwork, leadership, and problem-solving, with additional involvement in sports and creative activities.

SKILLS

Technical Skills

- Blockchain Development
- React js
- Html Css and js
- Cybersecurity Basics
- UI/UX (Figma)
- Multilingual
- Public speaking
- Presentations
- Project Management

Soft Skills

- Curoosity
- Leadership
- Time management
- Team work
- Problem solving
- Corperation
- Reliable
- Decipline
- Respect

EDUCATION

Bachelor of Computer Science in Blockchain Technology	Gyalpozhing College of Infromation Technology	2022 – Present
Higher Secondary School (Class 12)	Yonten Kuenjung Acedemy	2021–2022
Higher Secondary School (Class 11)	Phuntsholing Higher Secondary School	2020–2021

EXPERIENCES

Internship Experience:

Blockchain Developer, GovTech Agency, Thimphu

(July 2025 – August 2025)

Contributed to blockchain research and development projects at GovTech Agency. Supported the design and testing of permissionless decentralized solutions to improve transparency and efficiency in organic food traceability and certification. Gained practical exposure to Hyperledger Fabric and government-focused technology initiatives.

Key responsibilities included:

- Work on writing smart contract and working on Blockchain development of the project
- Did research on current certification of organic products and convinced why blockchain is necessary
- Developed front-end
- Conveyed the final project to the GovTech Agency, NIA team from Korea and Ministry of Agriculture

Club and extracurricular activities:

Coordinator, GCIT RedCross Society, GCIT

(August 2025 – Present)

Currently serving as Female coordinator of RedCross Society in college where I organized Blood Donation Campaign in the college campus in collaboration with JDWNRH where we collected 98 units of blood.

Key responsibilities includes

- Acting as a bridge between student members and the faculty coordinator
- Planning and coordinating health-related events and awareness programs
- Managing student volunteers and ensuring smooth event execution
- Promoting social responsibility and community engagement within the college

Assistant Coordinator, GCIT RedCross Society, GCIT

(August 2024 – June 2025)

Served as Assistant Coordinator before becoming the Coordinator in my third year where I got an opportunity to attend working in celebration of the 8th Foundation Day of the Bhutan Red Cross Society (BRCS) with my Coordinator. This special occasion also marked the official launch of the BRCS Youth Forum and the Youth Volunteer Policy, a visionary initiative to empower and engage young volunteers across the country.

Key responsibilities included:

- Supporting coordinators in event management and membership engagement
- Assisting in organizing and facilitating RedCross activities at the college
- Coordinating with student members to ensure participation and smooth operations

Active member, Rovers Club, GCIT

(2022 – present)

Active involvement in the Rovers Club from first year to fourth year, contributing to various community and college initiatives.

Key responsibility includes:

- Serving as a troop leader and guiding fellow members
- Participating in community service activities such as cleaning campaigns
- Volunteering during college events, including ticket sales for Foundation Day

College Team in volleyball, GCIT

(August 2022 – October 2024)

Played as part of the college volleyball team from first to third year, competing with teams from other colleges and gaining exposure through inter-college tournaments.

Key responsibilities included:

- Representing GCIT in inter-college competitions
- Training and coordinating with teammates to improve performance
- Promoting sportsmanship and teamwork on and off the court

College Team in Taekwondo, GCIT

(June 2024 – July 2024)

Represented GCIT in Taekwondo competitions, securing 3rd place (bronze medal) in an inter-college tournament.

Key responsibilities included:

- Training under competitive conditions to enhance discipline and performance
- Representing the college with commitment and resilience in tournament.

Class Representative, GCIT

(February 2023 – August 2024)

Served as Class Representative for two consecutive semesters, acting as the link between tutors, counselors, and students to support communication and coordination.

Key responsibilities included:

- Relaying information between faculty and students to ensure clarity and engagement
- Collecting student feedback and presenting it to faculty for timely action
- Assisting in organizing academic and class-related activities

PROJECTS

DrukAgriChain; Blockchain SupplyChain Management System

(July 2025 – August 2025)

Role: Frontend and blockchain developer

Developed Permissionless Blockchain based Supplychain during internship at GovTech to tackle the ongoing problem of organic food traceability and certification using Hyperledger fabric, Golang and HTML, CSS and JS.

TERA; Blockchain Land buying and selling system

(February 2025 – June 2025)

Role: UI/UX and Frontend developer

Designed the UI/UX and frontend for our capstone project TERA which stands for Transparent E-state registry and authentication which is also permissionless blockchain system using React js, Figma and canva.

ChainScholar; Blockchain Student Engagement DApp

(March 2024 – August 2024)

Role: UI/UX, Frontend developer and Smart Contract

Developed the frontend for chainScholar, a decentralized application (DApp) that connects students, academic staff, and administrators in blockchain-based academic communities. Implemented features for community interaction, post ranking, and contribution evaluation using React.js, Figma, and Canva. The platform promotes collaborative learning, allowing users to share knowledge, post questions, and engage in peer and expert feedback securely through blockchain integration.

NorbNode; Blockchain Social Media platform

(March 2024 – August 2024)

Role: UI/UX and Smart Contract

Developed social media platform where users have full control over governance and monetization through cryptocurrency ETH.

Leave Record; Fullstack leave management for college

(August 2023 – November 2023)

Role: Backend Developer

Developed the backend for a Leave Record System that tracks and manages college students' weekend leave requests. Implemented secure data handling, automated approval processes, and efficient record storage using Node.js, Express, and MongoDB, ensuring reliability and easy access for administrative staff.

GCIT No Due System

March 2023 – August 2023)

Role: UI/UX and Frontend Developer

Designed and developed the UI/UX and frontend for a simple No Due System that allows college students to check and clear their pending dues across departments. Created an intuitive and user-friendly interface using HTML, CSS, Js and Figma ensuring smooth navigation and efficient interaction for both students and administrative users.

CERTIFICATES

CTF Challenge participation

(October 2025)

- Participated in a 2-day Capture The Flag (CTF) challenge (Track 1) in our college GCIT.
- Got to work in a team with diverse member from different colleges like JNEC and CST. Solved most of the problems from forensic analysis.

SUI Workshop

(September 2025)

- Completed the Sui Blockchain Workshop organized by DHI and iBriz.ai at GCIT, gaining hands-on experience with the Move language and Sui Blockchain fundamentals.
- Collaborated on a Certificate Management System project to improve transparency and verification of academic records.

AWS Academy Cloud Foundations

(November 2024)

- Completed the AWS Academy Cloud Foundations course, gaining a comprehensive understanding of fundamental cloud computing concepts.
- Acquired knowledge in AWS core services, security best practices, cloud architecture, and cost management.

Please Hackathon

(May 2025)

- Participated in the PLEASE Hack Event, collaborating in a dynamic, team-based environment to brainstorm and develop innovative solutions.
- Gained valuable experience in teamwork, problem-solving, and rapid prototyping over the two-week hackathon.

Great Learning Course

(September 2024)

- Completed the Blockchain Basics course through Great Learning, strengthening my foundational knowledge of blockchain concepts, architecture, and applications.
- Grateful for the opportunity to enhance my skills and highly recommend this course to anyone seeking a clear and accessible introduction to blockchain technology.

References

Chimi Dema, Associate Lecturer, Gyalpozhing College of Information Technology
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Ugyen Choden, Team Lead, Gyalpozhing College of Information Technology
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