

Jigme Ngawang Chogyal

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Education

COLLEGE OF SCIENCE AND TECHNOLOGY

Phuentsholing, Bhutan

Bachelor of Engineering in Software Engineering

2024 - 2028

Relevant Coursework: Web development, Discrete Mathematics, Introduction to Cyber Security, Database Fundamentals

YANGCHENPHUG HSS

Thimphu, Bhutan

Bhutan Higher Secondary Education

2021 - 2023

Projects

COLLEGE OF SCIENCE AND TECHNOLOGY

Phuentsholing, Bhutan

Student Project – Personal Portfolio Website

July 2024 – December 2024

- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase academic achievements and projects
- Published and maintained the website on GitHub Pages to establish a professional online presence
- Strengthened problem-solving skills through UI debugging and optimisation
- Managed the entire project lifecycle, enhancing self-motivation and independent learning
- Ensured a polished, user-friendly interface with attention to styling and layout details

COLLEGE OF SCIENCE AND TECHNOLOGY

Phuentsholing, Bhutan

Group Project – HoYoLAB Clone

February 2025 – July 2025

- Led a team of 3 to recreate core HoYoLAB features using React and Vite
- Implemented reusable components and managed state for dynamic user interactions
- Applied modular coding practices with React Router; deployed the project on Render.com
- Established GitFlow branching strategy to streamline development and collaboration
- Coordinated task division, managed shared codebase, resolved merge conflicts, and facilitated effective team communication

COLLEGE OF SCIENCE AND TECHNOLOGY

Phuentsholing, Bhutan

Student Project – Cyber Security

February 2025 – July 2025

- Conducted basic penetration testing on the college campus network.
- Conducted web security testing based on OWASP principles.
- Completed 40 rooms on try hack me ([Try Hack me](#))

Leadership and Activities

Changjiji Youth Center (CYC) Vice President

Thimphu, Bhutan
January 2023 – December 2024

- Led and coordinated community outreach and youth engagement activities impacting over 100 local youths
- Organized and facilitated educational events, workshops, and awareness campaigns in collaboration with government and civil society organizations
- Supervised club operations, mentored junior members, and contributed to long-term planning and project execution
- Strengthened leadership, public speaking, and team management skills through regular interaction with diverse stakeholders

FabLab Bhutan Member

Thimphu, Bhutan
July 2023 – December 2024

- Participated in technical workshops focused on prototyping, 3D printing, and embedded systems
- Collaborated on creative tech projects involving Arduino, sensors, and digital fabrication tools
- Gained exposure to design thinking, rapid prototyping, and innovation-driven development environments

COLLEGE OF SCIENCE AND TECHNOLOGY Group Project – HoYoLAB Clone

Phuentsholing, Bhutan
February 2025 – July 2025

- Led and coordinated community outreach and youth engagement activities impacting over 100 local youths
- Organised educational events, workshops, and awareness campaigns with government and civil society partners
- Supervised club operations, mentored junior members, and contributed to long-term planning and project execution
- Strengthened leadership, public speaking, and team management skills

TECHNICAL SKILLS

- **Languages & Frameworks:** HTML, CSS, JavaScript, React, Vite
- **Tools & Platforms:** Git, GitHub, Render, Netlify
- **Concepts:** State management, modular coding, UI/UX design principles