Tshering Phuntsho

Panbang, Zhemgang
02230310.cst@rub.edu.bt
77277687

Professional Summary

Innovative **Software Engineer** majoring in Cybersecurity, with a strong foundation in software development, testing, and quality assurance. Skilled in designing and developing scalable, secure, and high-performing systems using modern technologies. Experienced with microservices architecture, serverless applications, and system design principles. Adept at project management and secure software engineering, integrating cybersecurity best practices across the development lifecycle. Passionate about building intelligent, user-friendly, and reliable solutions that blend **innovation**, **performance**, and **security**.

Education

COLLEGE OF SCIENCE AND TECHNOLOGY   July 2023 - July 2027

Bachelor of Engineering in Software Engineering
Phuntsholing, Chhukha

Experience

Hotel Booking App
- Using React Native (Expo) and Firebase.
- Built a fully functional booking app with seamless UI/UX for hotel listings and reservations.
- Integrated authentication, live data sync, and navigation features.

Parking Space Detection
- Using Computer Vision.
- Designed a real-time vehicle detection and parking monitoring system.
- Implemented arrival and departure time tracking for individual parking slots.
- Integrated PostgreSQL for dynamic data storage and retrieval.

RESTFULAPI
- Using JavaScript and Postman.
- Developed a comprehensive RESTful API to facilitate seamless data exchange between clients and servers.
- Implemented CRUD operations (Create, Read, Update and Delete) to manage resources efficiently.
- Errors are all handled correctly with the status code

AUTOMATION

- It is a simple auto Google form for outstation leave.
- Developed using Python

Technical skills

Python	MongoDB	Penetration Testing	Computer Vision
JavaScript	Firebase	Github	PostgreSQL
React	Postman	Docker	

Internship

eDruk Private Limited   **Sep 2024 - Nov 2024**

Thimphu, Bhutan

Worked on building a Smart Parking Detection System using Computer Vision (OpenCV, YOLO) and CCTV.

- Designed a real-time vehicle detection and parking monitoring system.
- Implemented arrival and departure time tracking for individual parking slots.
- Integrated PostgreSQL for dynamic data storage and retrieval.

Links

[Personal_Portfolio](#)

[Github](#)