

Github Profile

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Tashi Penjor

Summary

As being a software engineering student majoring in cybersecurity, with a strong foundation in software development and basic security practices. I have hands-on experience in designing and implementing RESTful APIs, developing web applications, and conducting security tests. My expertise includes frontend and backend development, database design, and applying cybersecurity principles to safeguard systems. I am committed to advancing my skills in both software engineering and cybersecurity to build robust, secure applications.

Projects

Web Development

- Designed and implemented a RESTful API for hands-on experience with server-side application development.
- Developed a website with HTML, CSS, and Vanilla JavaScript, integrating a third-party API for CRUD operations and REST API functionality.
- Built a RESTful API with Hono and Prisma, implementing basic CRUD operations, authentication, rate-limiting, and pagination, while ensuring clean code and best practices in API design.
- Developing AuctionBT, a web app simulating auctions, handling backend, frontend, server logic, database, and UI design.

Database System

- Contributed to the design and submission of a database schema, including an Entity-Relationship Diagram (ERD) and relational schema.

Cyber Security

- Conducted basic penetration testing on the college campus network.
- Conducted web security testing on the college network based on OWASP principles.
- Completed 13 rooms on try hack me ([TryHackMe](#))

Soft Skills

HTML, CSS, Node.js, Next.js, Vanilla.js, Hono, Prisma, React, Database, Docker, Figma, Postman, Basic Penetration test, Basic web security.

Hard Skills

Leadership, Organization, Problem Solving, Management, Speaking

Certification

Certification in Data Analysis Using Python

Completed a one-month course on Coursera which focused on data analysis techniques using Python, including data manipulation, visualization, and statistical analysis. ([Coursera Link](#))

Education

College of Science and Technology

Bachelors of Engineering in Software Engineering