DECHEN PHUNTSHO

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PERSONAL SUMMARY

A motivated computer science student with strong programming, data analysis, and problem-solving abilities. Skilled in Python, Java, web development, and WordPress, with a keen interest in harnessing technology to create innovative and impactful solutions. Passionate about exploring artificial intelligence, software development, and cybersecurity, and actively seeking opportunities to apply expertise and contribute to transformative projects.

SKILLS:

Hard Skill

- Programming langauge: Python, Java and JS.
- Software Development: Agile methodologies, DevOps, React, Html & CSS and Wordpress.
- Media: Adobe Illustrator, PS, After Effects and canva.
- Database: SQL, MongoDB

Soft Skill

- Communication.
- Problem solving: Analyzing problems and deriving solution using AI techniques.
- Team Collaboration.
- Ability to adapt and interest to learn new concepts.

EDUCATION:

Gyalpozhing College of Information Technology ·········· 2021-Present
Bachelor of science in computer science specialization in Artificial Intelligence and Data Science.

Courses:
1. Deep learning.
2. Natural Language Processing.
3. Ethical hacking.
4. Agile Methodology.

Rangjung Central School-73% ·········· 2019-2020
Pure mathematic

EXPERIENCE:

1. Internship Experience:
March 2025 – May 2025

IT Intern | ImpactHub Thimphu | Thimphu, Bhutan

Role:
- A. Web Developer & Designer.
- B. AI and Data Science Specialize.

Worked on:

1. Simmeth System
- ▪ Second international project (Germany).
- ▪ To revamp their website, maintain SEO performance.
- ▪ Role: Lead head designer, and developer.

2. Namas Design and Build
- ▪ Developed and managed the official website for Namas Design and Build using WordPress.
- ▪ Focused on Responsive and minimalistic design, and content management.
- ▪ Role: Designer and developer.

2. Clubs and Extracurricular Activities:
AUG 2023-DEC 2023

Member of GCIT Startup Club
Participate in developing websites.

Role:
- A. Web Developer & Designer.

Worked on:

1. Bhutan Birding and Heritage
- ▪ Revamp their existing website with modern and new design.

3. Leadership Experience:

1. Resident Councilor
2024-2025

I served as Resident councilor at Gyalpozhing College of Information Technology, where I facilitated student engagement, addressed concerns, and promoted a positive residential environment. This role enhanced my leadership, communication, and problem-solving skills while fostering collaboration between students and administration.

2. Tarayana Captain ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯ *2020*

I served as the Trayana Leader at Rangjung Central School for one year, guiding my group in extracurricular activities, volunteering work, and Donating cloths to needs. My role involved fostering teamwork, organizing group initiatives, and motivating members to excel, enhancing my leadership and coordination skills.

4. Freelance Experience

1. Smart Omni- village (omniverse.life) ⋯⋯⋯⋯⋯⋯⋯ *MAR 2023- JULY 2023*

First international project(Laknow, India), Developed and deployed a Smart Omni-Village web application using ReactJS and Node.js.

Role:
    A. Developer & Lead head Designer.

5. College Projects

1. AI Dental appointment Chatbot ⋯⋯⋯⋯⋯⋯⋯⋯ *June 2024- Dec 2024*

During my third year, second semester, my team and I developed a dental appointment chatbot to provide efficient and natural conversational scheduling assistance.

- Developed using Python with NLTK and TensorFlow for natural language processing.
- Integrated with React Native mobile application.
- Achieved 85% accuracy in intent recognition.

2. Pneumonia Detection ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯ *Feb 2024- June 2024*

During my third year, second semester, my team and I developed a dental appointment chatbot to provide efficient and natural conversational scheduling assistance.

- Developed using Python with NLTK and TensorFlow for natural language processing.
- Used CNN model.
- Achieved 95% accuracy.

3. Chess Bot AI ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯ *Feb 2024- June 2024*

During my second year of college, my team I developed a Chess AI that calculates optimal moves and plays at a professional level.

- Developed using Python and TensorFlow.
- built using a Minimax algorithm with alpha-beta.
- Achieved 97% accuracy.

CERTIFICATION:

1. Google UI/UX certification, Coursera ··· *2024*

Completed a comprehensive course on User Interface (UI) and User Experience (UX) design, covering design principles, wireframing, prototyping, and usability testing. Gained hands-on experience with industry-standard tools to create intuitive and user-centered designs.

2. AWS cloud foundation, AWS ··· *2023*

Completed a foundational course on Amazon Web Services (AWS) Cloud, covering core cloud concepts, AWS services, security, pricing, and architecture. Gained a strong understanding of cloud computing principles and best practices for deploying scalable and secure cloud solutions.

3. Website Completion ··· *2023*

Completed the website developement project for Bhutan Birding and Heritage Travels.

4. Entreprenuers Support and Expansion of Job Opportunity ··········· *2019*

Participated in the Entreprenuers Support and Expansion of Job Opportunity, which was jointly organized by iHUB Bhutan and Japan International Cooperation Agency(JICA).

LANGUAGE:

1. Sharshokpa.
2. Dzongkha.
3. English.
4. Hindi.

REFERENCE:

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