Piyush Khadka Chhetri

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EDUCATION

Leeds Beckett University | *Bachelor in Computer Science*   Leeds, UK | **July,2024**

SKILLS

- Front-End Development: React, Tailwind CSS, HTML, JavaScript, Responsive Design, API Integration, DOM Manipulation

- Back-End Development: SQL (MySQL, SQLite), CRUD, Basic Authentication

- Data Analytic Tools: Power BI, Data Cleaning & Transformation

- Machine Learning: Python, TensorFlow, Monai, Regression Models

- Version Control: Git, GitHub, SDLC, Unit Testing (Jasmine)

PROJECTS

- **Amazon Website Clone**

  Tech Stack: JavaScript, HTML, CSS and Jasmine

  Created a responsive e-commerce UI with product listings, cart, and checkout.

  Used modular JavaScript for interactivity and DOM manipulation.

  Applied event handling and unit testing with Jasmine.

- **Pneumonia Detection Web App**

  Tech Stack: Python, Flask, MONAI, TensorFlow

  Built a CNN model with MONAI to detect pneumonia from X-rays (80% accuracy).

  Deployed via Flask with real-time image upload and prediction interface.

  Evaluated using AUC-ROC, F1-score, and precision-recall metrics.

- **Personal Portfolio Website**

  Tech Stack: React, CSS

  Built a modern, responsive site using React to showcase skills and projects.

  Planning features like interactive highlights, certifications, and contact form.

- **Pokémon API Pokedex**

  Tech Stack: React, Tailwind, Redux

Developed a dynamic frontend application to interact with PokeAPI, fetching and displaying Pokemon data.

Demonstrated proficiency in **asynchronous JavaScript (Fetch API)** for efficient data retrieval and **DOM manipulation** for building an interactive user interface.

SOFT SKILLS

- Problem-Solving

  Skilled at identifying inefficiencies and optimizing processes using data driven insights.

- Communication

  Confident in presenting complex data insights in a clear and concise manner.

- Collaboration & Teamwork

  Ability to break down complex datasets and extract actionable insights.

- Time Management

  Effective time management, balancing work, studies, and personal projects efficiently.

- Analytical Thinking

  Strong ability to break down complex datasets and extract actionable insights.