ANDREWS NAWORAGYERE

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Professional Summary

Self-taught Web Developer and Machine Learning Engineer with hands-on experience building responsive web applications and training deep learning models. Proficient in HTML, CSS, JavaScript, React, Python, and PyTorch, with strong analytical and problem-solving skills. Passionate about continuous learning and eager to contribute to a team as a Junior Developer.

Technical Skills

- Web Development: HTML, CSS, JavaScript, React
- Machine Learning & AI: Python, NumPy, Pandas, Scikit-learn, PyTorch, Matplotlib
- Tools & Platforms: Git/GitHub, VS Code
- Learning Resources: Harvard CS50, freeCodeCamp

Projects

Web Development

- Portfolio Website – React, CSS
  Built a personal portfolio to showcase projects, with responsive design and interactive UI.
- Construction Company Website – React, CSS
  Designed and developed a professional multi-section business site for a construction company.
- Amazon Clone – React, CSS
  Implemented a simple e-commerce user interface replicating Amazon's design.
- Restaurant Website with Cart – HTML, CSS and JavaScript
  Developed an interactive food ordering site with cart functionality for adding/removing menu items.

Machine Learning & AI

- Melbourne Housing Price Prediction – Scikit-learn, Pandas
  Cleaned and processed Kaggle dataset; trained an MLP, achieving 98% accuracy. Built a custom neural network from scratch, achieving 78% accuracy.
- MNIST Digit Classifier – PyTorch
  Designed and trained a CNN achieving 90%+ accuracy on handwritten digit recognition.
- London Flower Classification – PyTorch, ResNet18
  Built a custom dataset loader and fine-tuned the ResNet18 pretrained model to reach 90%+ accuracy.
- CIFAR-10 Image Classification – PyTorch CNN
  Trained a convolutional neural network to classify images across 10 categories with solid accuracy.
- California Housing Prediction – Scikit-learn
  Applied regression techniques to predict house prices using a structured dataset.
- Cancer Dataset Classification – PyTorch Logistic Regression
  Implemented a logistic regression model for cancer prediction.

Education Kumasi Technical University, Kumasi, Ghana
Bachelor of Technology - Building Technology Nov.2024
GPA: 4.04/5.00

Certifications & Learning

- Harvard CS50 (Computer Science Fundamentals)
- freeCodeCamp (Web Development & Machine Learning pathways)

Soft Skills

- Problem-solving
- Teamwork
- Adaptability
- Continuous Learning