

Stephen Landis – Portfolio

Web Programming Student & Published Author

Albuquerque, New Mexico

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Introduction

Hello! My name is Stephen Landis, and I am a web programming student at CNM and a published author based in Albuquerque, New Mexico. I specialize in front-end web development with expertise in HTML, CSS, and JavaScript, and I am actively expanding my skill set by learning Python.

Passionate about creating engaging and user-friendly experiences, I thrive on solving problems. My goal is to innovate in web programming and freelance development for non-profit charities.

Projects

Smart Garden Monitor

A project designed to monitor key garden metrics such as temperature and humidity using a DHT22 sensor. The data is visualized in real-time with InitialState, and an image from a webcam is sent hourly via PushBullet.

Technologies Used: IoT, Python, DHT22 Sensor, PushBullet, InitialState

Key Features:

- Real-time data monitoring
 - Remote image updates via PushBullet
 - Sensor-based environmental control
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Arcade Games

A collection of classic arcade games, including Fruit Catcher, Pong, and a unique version of Snake called Worm and Grapes. These games blend nostalgic gameplay with modern design.

Technologies Used: JavaScript, Game Development Libraries

Key Features:

- **Fruit Catcher:** Collect falling fruits while avoiding obstacles.
 - **Pong:** Classic two-player Pong game.
 - **Worm and Grapes:** A unique variation of Snake, featuring a grape collection mechanic.
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Dust Bunny Poetry

A website dedicated to the carefree and poetic essence of dust bunnies. The branding uses a yellow/blue color scheme and emphasizes simplicity and creativity. The website features a cozy and comforting design.

Technologies Used: Google Sites

Key Features:

- Simple and clean design focused on creativity
 - Yellow/blue color scheme reflecting the carefree nature of dust bunnies
 - A tribute to the freedom and creativity inherent in poetry
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About Me

I am currently pursuing my degree in web programming, where I'm building a strong foundation in front-end web development, programming, and creative problem-solving. I enjoy tackling projects that challenge me both technically and creatively, and I thrive in environments where innovation meets functionality.

My Interests

- **Coding:** Creating software solutions that solve real-world problems.
 - **Writing:** Crafting pieces that explore themes of faith, life, and imagination.
 - **Learning & Experimenting:** Continuously testing new technologies to find innovative applications.
 - **Entrepreneurship:** Leveraging creativity to build business solutions, including books, web design, and more.
 - **Problem-Solving:** Engaging in challenges, including those involving IoT and charitable projects.
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Career Timeline

February 2023

First Steps in Customer Service

- Started at Dairy Queen, gaining valuable customer service experience and improving communication and problem-solving skills.

August 2023

Exploring Technology

- Joined CNM for IT Fundamentals, discovering a strong interest in technology and problem-solving.

Spring 2024

Pivotal Moment

- Initially doubted my path but after taking the Overview of Web Technologies course, I realized that technology and programming aligned with my strengths.

Summer 2024

Focused Direction

- Shifted my focus from IT to Web Programming, pursuing a career in web development that aligns with my passion for creativity and problem-solving.

My Vision

As I work toward completing my degree, I am focused on developing the skills necessary to create impactful web applications. I aim to use my expertise to help charities and businesses build meaningful online presences, creating solutions that are both innovative and accessible.

Let's Connect!

Feel free to explore my portfolio further or reach out to me via email for potential collaborations or to discuss web development and creative ideas. I am always open to new opportunities and projects.

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