DANIEL RENALDO GUERRERO **SANTANA**

Software Engineer Junior

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🌐 Resume Website

📍 Jeffersonville, Indiana 47130 - USA

SOCIAL

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PROFILE

I am a Civil Engineer currently studying Software Development. I'm passionate about problem-solving and innovation, and I bring creativity, seriousness, and attention to detail to my work. With my background in civil engineering, I have strong analytical skills and problem-solving experience, which help me approach software development challenges with a unique perspective. I'm committed to making a positive impact in the tech industry as we move into a new technological era.

EXPERIENCES

FC ASSOCIATE EMPLOYEE
January 2023-Today | AMAZON

In my role at Amazon Warehouse, I conduct regular cycle counts and audits to ensure precise inventory management, perform quality inspections to uphold Amazon's product integrity standards, and accurately record and enter data related to inventory and quality metrics. Additionally, I handle pick and pack duties to ensure timely and accurate order fulfillment and actively contribute to continuous improvement initiatives for process optimization.

CIVIL ENGINEER - PROJECT MANAGER
November 2019 - September 2022 | BUWIH CONSTRUCTIONS

As a Civil Engineer - Project Manager, I supervised and conducted structural and topographic surveys, performed foundation and hydraulic studies, prepared estimates, quotes, and quantity surveys, developed executive plans, and oversaw construction activities, particularly earthworks and foundations.

INTERNAL ENGINEER
September 2018 - October 2018 | SONAPI (National Industrial Park Company)

Realized numerical and physical modelling in 3D for the metropolitan industrial park covering an area of 150 hectares.

PROJECTS

1) Responsive Resume CV Website Using HTML, CSS, and JavaScript | Light/Dark Theme.

Visit the website

This is an interactive resume website showcasing my professional profile, skills, education, work experience, and projects. The site features a modern design with sections for social links, references, and personal interests. It includes a light/dark theme toggle, a project slideshow, and a downloadable PDF version of my resume. Built with HTML, CSS, and JavaScript, the site is hosted on AWS, demonstrating my cloud deployment and management skills. This project highlights my ability to create visually appealing, user-friendly, and scalable web applications.

EDUCATION

AAS Software Development
Ivy Tech Community College
2023-2025

CT Web Application Development
Ivy Tech Community College
2023-2024

BOOTCAMP - Amazon Web Service (AWS) CLOUD APPRENTICESHIP
New Apprenticeship
2022

Civil Engineering
Faculty of Sciences of Haitian State University
2014-2019

I studied programming, SQL databases, Java, and C++, completing projects for each. I also covered essential civil engineering subjects like structural analysis and fluid mechanics, along with math, physics, and chemistry. These courses gave me a solid foundation in both engineering and programming.

SKILLS

- HTML
- CSS
- JavaScript
- Python
- SQL
- GUI Development: Tkinter
- Git/GitHub
- Microsoft Excel
- Project Management
- Team Collaboration
- Technical Writing

2) Integrated Personal Expense Management System Using Tkinter and Python.

View the repository.

This desktop application, developed using Python's tkinter library, allows users to efficiently manage personal finances. It features a user-friendly interface for adding, viewing, and generating reports on expenses, complete with password-protected access for enhanced security. The application supports recurring expenses and provides monthly summaries, with data stored securely in an SQLite database. This project showcases my skills in software development, database management, and user interface design.

3) Chef Dwinie Catering: Built with HTML, CSS, and JavaScript.

Visit the website.

This website is a comprehensive platform showcasing the catering services of Chef Dwinie, with a focus on Haitian and Caribbean cuisine. The site was developed using HTML, CSS, and JavaScript to create an engaging and user-friendly experience. It includes features like an interactive menu, service descriptions, and a slideshow gallery. The design emphasizes a blend of aesthetic appeal and functionality, ensuring that visitors can easily navigate and explore the offerings. The site also supports responsive design, making it accessible on various devices. The website is hosted on AWS for reliable and scalable performance.

4) Pacific Trails Resort: A Responsive Website Built with HTML, CSS, and JavaScript.

Visit the website.

A responsive and visually appealing website for Pacific Trails Resort, developed using HTML, CSS, and JavaScript. It provides an immersive experience, showcasing resort activities and accommodations with intuitive navigation and a clean design. The website is hosted on AWS for reliable and scalable performance.

5) Develop and set up an EC2 instance on AWS, along with a security group, to enable secure SSH access to the virtual server, utilizing Python for automation.

Watch the demonstration video.

Prompt the user to provide a name for the instance. Check in AWS to see if the name already exists. If it does, return an error message and prompt the user to enter a new name until a unique one is provided. Next, create a t3.micro EC2 instance and a security group that allows SSH access to the virtual machine. Monitor the instance status every 10 seconds. This AWS project was completed in December 2022 as part of my bootcamp at New Apprenticeship

6) Write a CloudFormation Template in JSON.

Create an S3 bucket, ensuring that its contents are accessible only through a CloudFront distribution. This AWS project was completed in December 2022 as part of my bootcamp at New Apprenticeship

REFERENCES

Adjunct Faculty-SDEV at Ivy Tech Community College
Active Directory Administrator at University of Notre Dame

M. Raymond Storer

Phone: (574) 968-3371
Email: rstorer2@ivytech.edu

Senior Software Engineer at Digital Grain Elevator, Inc.

M. Ernst Pierre

Phone: (786) 366-1338
Email: pitrens.studio@gmail.com

LANGUAGES

- English
- Spanish
- French
- Haitian Creole

INTERESTS

Read

Domino

Cook

Travel

Family

News