Marcia Cripps

Full Stack Software Engineer

SUMMARY

Creative, detail-oriented, software engineer with a deep interest in AI. Proven track record of creating and implementing successful front-end web applications and back-end scripts. Looking to bring my previous project management, sales, and programming skills to a tech company.

WORK EXPERIENCE

EDI Integrations Developer at OptiMed Health Partners | Kalamazoo, MI

Nov. 2022 — Present

Developed customized programs using multiple databases, languages, communications standards, record types, and file formats. Proficient in Python, PostgresSQL, Django, SFTP, FTPS, and other relevant programming tools and languages.Experienced in analyzing and understanding implementation guidelines and specifications for HIPAA X12 Healthcare transactions. Strong project management skills with a demonstrated ability to plan and drive results. Collaborative and creative thinker, able to work effectively across departments and find innovative solutions to problems.

"Eligibility Script"– Created a custom python script that automates the eligibility process for patients and works with large datasets and moves files from SFTP server and complies with HIPAA **Other Projects:** Powershell SFTP File Mover, New Client Directories, Audit Suite, and Bitvise integrations

Awards: Above and Beyond Award for these projects

Software Engineer Freelance at Agfluence LLC.| Vicksburg, MI

Feb. 2020 — Present

Collaborated with a team of developers to build modern and responsive web applications using best practices. Built semantically structured full stack web applications. Created customized social media accounts and campaigns for agribusinesses
Market Dashboard MVP – Created a Market Dashboard MVP and collaborated with a group of developers to build a responsive web application for farmers comparing land prices **Other Projects:** Data scraping for various agribusinesses, Cloverdale Dairy Responsive Website, Hop Growers of MI, On-demand background color changer for Partnered Twitch streamer, and many more

Agronomy Operations Manager at Lennard Ag. Company | Howe, IN

Feb. 2021 — Nov. 2022

Created and developed FastFields forms for scouting and farm record keeping using JavaScript. Directed Agronomy tasks and other Lab QC's to ensure accurate assessments. Managed a team of 5-7 interns/seasonal scouts for data collection on pests, diseases, and plant health. Responsible for purchasing, procuring, buying, and inventory of chemicals, fertilizers, and farm equipment. Created and developed SOPs for research trial work and Global GAP responsibilities. Managed 10,000+ acres.
Variety Trial Project: Oversaw the ordering, planning, planting, and collaborated with Michigan State University to test new potato varieties for Frito-Lay.

Sales Representative/Soil Consultant at Holloway Agriculture | Visalia, CA

Feb. 2019 — Nov. 2020

Created and maintained a responsive WordPress website for current customer's soil education using HTML, CSS, and JavaScript. Designed an "Agronomy Journal" app of soil maps, variable rate applications, logs, and plans for clients. Utilized Salesforce to document and track sales goals.

HONORS & ACTIVITIES

Michigan Farm Bureau/American Farm Bureau Member 2021 - Present, Math, Science, English, and Japanese Tutor 2013 - Present, Volunteering with 4-H participants 2013 - Present, Entomology Professor Adjunct 2024 - Present

CONTACT

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My Portfolio

github.com/marciacripps

linkedin.com/in/marciacripps

SKILLS

HTML/CSS

JavaScript

PostgreSQL

MongoDB, Atlas

OOP

Web Accessibility

Git

MS Office

Google Suite

Pandas/Numpy

Python

Django

Vue

Webscraping

React.js

ETL

SFTP

Powershell

SqlAlchemy/Plotly

Project Management

EDUCATION

AUBURN UNIVERSITY

Masters Crop & Soil Science

MICHIGAN STATE UNIVERSITY

Bachelors Agribusiness Management