

# Marcia Cripps

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, PostgreSQL, 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 Bitwise integrations

**Awards:** Above and Beyond Award for these projects

### Software Engineer Freelance at Agfluence LLC. | Vicksburg, MI

Feb. 2020 — Oct. 2022

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, Cloverdale Dairy Responsive Website, Hop Growers of MI, On-demand background color changer for Partnered Twitch streamer, and many more, Shopify HTML Enhancer

### 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

## CONTACT

[marciacripps@gmail.com](mailto:marciacripps@gmail.com)

[My Portfolio](#)

[github.com/marciacripps](https://github.com/marciacripps)

[linkedin.com/in/marciacripps](https://linkedin.com/in/marciacripps)

## SKILLS

HTML/CSS/  
JavaScript

Python

PostgreSQL

MongoDB, Atlas

OOP

Web Accessibility

Git

Pandas/Numpy/Sql  
Alchemy/Plotly

Django/Flask/Vue

React.js

Web scraping,  
Selenium, Playwright

ETL

SFTP

Powershell

Supabase, Vercel,  
Render

MS Office/Google  
Suite/Slack/Discord

Project Management

## EDUCATION

### AUBURN UNIVERSITY

Masters Crop & Soil  
Science

### MICHIGAN STATE UNIVERSITY

Bachelors  
Agribusiness  
Management