

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

Lead Solutions Engineer at Zus Health | Boston, MA

May 2026 — Present

Lead end-to-end onboarding for new customers—from authentication setup to data mart configuration. Integrated customer systems with Zus (APIs, SFTP, HL7, FHIR—the whole interoperability stack) Build and maintain automated workflows that make implementations faster and more reliable. Drove customer success through technical excellence. Use Python, Postman, AWS, Snowflake, and AI tools (LLMs, automation platforms, scripting) to eliminate manual work and scale impact. Partnered closely with Product and Engineering to surface integration challenges and opportunities for platform improvement.

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, EMR/CCDA custom tools, Availty data readers, Automation tools for Global GAP and government reporting, multiple responsive websites, and many more

EDI Integrations Developer at OptiMed Health Partners | Kalamazoo, MI

Nov. 2022 — May 2026

Developed customized programs using multiple databases, languages, communications standards, record types, and file formats, supporting specialty pharmacy and PBM clients including AscendPBM. Proficient in Python, PostgreSQL, Django, SFTP, FTPS. Experienced in analyzing and implementing HIPAA X12 healthcare transaction specifications for eligibility and network/provider-data workflows. 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. Manage, train, and code review junior developers in company tech stack and syntax.

“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

“Financial Database”– recovered over \$2 million in late invoices

Other Projects: Powershell SFTP File Mover, New Client Directories, Audit Suite, and Bitwise integrations **Awards: Above and Beyond Award for these projects**

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.

HONORS & ACTIVITIES

Michigan Farm Bureau/American Farm Bureau Member 2021 - Present

Volunteering with 4-H participants 2013 - Present

Entomology/Plant Sciences Professor Adjunct 2024 - Present at Michigan State University IAT

CONTACT

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[My Portfolio](#)

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

[marciacripps](#)

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

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SKILLS

JavaScript

SQL

Snowflake

MongoDB

OOP

Web Accessibility

Git

AWS

MS Office

Google Suite

Pandas/Numpy

Python

Django

Vue

Web scraping

React.js

ETL

SFTP

Powershell

Project Management

EDUCATION

AUBURN
UNIVERSITY

Masters Crop & Soil
Science

MICHIGAN STATE
UNIVERSITY

Bachelors
Agribusiness Management