

# MICHAEL SOUSA

Software Developer & IT Professional

[Portfolio](#) • [Github](#) • [Linkedin](#)

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Orlando, Florida

## EDUCATION

### Western Governors University • Salt Lake City, UT

Cyber Security, MS

Jan 2025 - Present

- Relevant Coursework: Penetration Testing, Cloud Security, Secure Software Design

### Florida State University • Tallahassee, FL

Computer Science, BA

Jan 2023 - May 2024

- Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Software Engineering

## EXPERIENCE

### Freelance Web Developer • Orlando, FL

June 2023 - Dec 2024

- Developed and deployed responsive websites for clients, ensuring optimized performance and user experience.
- Provided technical consulting and support to clients, improving system efficiency and reliability.

### Epic Theatres • Floor Manager • Ocala, FL

Nov 2019 - Sep 2020

- Led a theater launch that exceeded revenue targets by 25%, coordinating a team of 15 and streamlining operations to enhance customer experiences.
- Maintained & troubleshooted complex digital projection systems & audio equipment

## PROJECTS

### MacroFlow • Vite, React, Typescript

- Crafted a full-stack nutrition tracking app (Vite, React, Typescript) that supports 100+ daily users and slashes data retrieval time by 50% with real-time visualizations.

### Nole Patrol • Django, Python

- Collaboratively developed a web application for FSU, enabling secure data breach searches for over 50,000 FSU emails. Implemented efficient database management & encrypted password protection. Designed a user-friendly interface with search functionality.

## CERTIFICATES

- [Github Foundations Certificate](#)
- [Certified Data Engineer \(DataCamp\)](#)
- [Certified Python Programmer \(PCEP\)](#)
- [Certified Software Engineer \(HackerRank\)](#)
- [Certified Advanced SQL Developer \(HackerRank\)](#)
- [Certified React Frontend Developer \(HackerRank\)](#)
- [Certified JavaScript Developer \(HackerRank\)](#)

## ACTIVITIES

ACM @ FSU

- Contributed to the committee responsible for crafting programming challenges for FSU's annual hackathon.
- Assisted in organizing & coordinating the annual hackathon at FSU, ensuring a seamless & engaging event.

## SKILLS

- Web Development: Responsive design, performance optimization, and deployment
- IT Infrastructure: Active Directory, group policy enforcement, and network setup
- Technical Support: Troubleshooting Windows, macOS, and Linux systems
- Client Consulting: Providing tailored technical solutions and support

## LANGUAGES

PROGRAMMING

- Python, C++, Java, Rust, SQL, JavaScript, Typescript, React, NodeJS, Git

SPOKEN

- English, Spanish