

# Jose Gaspar Marin

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## SUMMARY

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Computer Science graduate and IT Support Engineer with 5 years of hands-on experience in technical support, systems administration, and device management. Builds full-stack web applications across JavaScript/TypeScript, Python, and PHP ecosystems, including a library management system slated for deployment at Southern Connecticut State University. Seeking roles in IT and software engineering.

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, TypeScript, Java, C#, PHP, SQL, PowerShell, HTML/CSS

**Frameworks & Libraries:** Express.js, Node.js, FastAPI, Streamlit, Drizzle ORM, EJS

**Databases:** PostgreSQL, MySQL, MariaDB

**Cloud & DevOps:** Google Cloud Platform, Google Vision API, Microsoft Azure AD, Docker, Git/GitHub, VMware

**Systems & IT Administration:** Microsoft Intune, JAMF, Microsoft 365 (MFA / password resets), SharePoint, Networking (TCP/IP)

**Tools & Support:** Anthology SmartView, Microsoft Teams, Quick Assist, RDCMan, SSH, eQuip (inventory control)

## EXPERIENCE

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### IT Technical Support Engineer

Aug. 2020 – Dec. 2025

*Southern Connecticut State University | New Haven, CT*

- Resolved 1,300+ Tier 1 and Tier 2 support tickets across phone, email, and walk-in channels, earning consistent positive feedback for professionalism and problem-solving.
- Performed hardware and software troubleshooting, OS imaging and updates, printer installations, and device repairs across Windows and macOS environments.
- Configured and deployed classroom and lab computers for university-wide IT projects, provisioning and managing devices through Microsoft Intune and JAMF.
- Administered Microsoft 365 accounts (MFA, password resets) and tracked hardware inventory using eQuip.
- Improved internal support tools and documentation to reduce response times and ensure full resolution and follow-up on every service request.
- Delivered scheduled on-site technical support across multiple campus locations.

## PROJECTS

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### CS Library — Library Cataloging System | *Express.js, TypeScript, PostgreSQL, Drizzle ORM, Docker*

[github.com/JoseG320/CS\\_Library\\_Nuc\\_Project](https://github.com/JoseG320/CS_Library_Nuc_Project)

- Built a full-stack library management system as a 3-person senior capstone, slated for deployment at SCSU for student book and equipment checkout.
- Developed the student-facing web portal and admin tools such as catalog management, usage reports, donations, and suggestions. Built on Express, TypeScript, Drizzle ORM, and EJS over a PostgreSQL database.
- Implemented Microsoft (Outlook) OAuth single sign-on via Microsoft Graph and a shared-key REST API linking a Raspberry Pi checkout kiosk to the server.

### Sentinel — Zone-Aware AI Security System | *Python, FastAPI, Streamlit, Google Cloud Vision API, PostgreSQL*

[github.com/JoseG320/sentinel](https://github.com/JoseG320/sentinel)

- Developed an AI-powered security system with a partner that detects people in real time from camera streams and matches detections against user-defined “smart zones” with configurable alert levels.
- Built a FastAPI backend, a Google Cloud Vision detection pipeline, and a Streamlit dashboard with role-based access control and live event logging.

### Echo — Music Comparator Web App | *PHP, MySQL, Apache, Docker*

[github.com/JoseG320/Echo-php](https://github.com/JoseG320/Echo-php)

- Built a social music-library web app where users manage playlists and compare profiles to find songs in common, with secure hashed-password authentication, a relational MySQL schema, and an admin panel; containerized with Docker.

## EDUCATION

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### Southern Connecticut State University

Aug. 2020 – May 2026

*B.S. in Computer Science | New Haven, CT*

### Metropolitan Business Academy — High School Diploma | New Haven, CT

Class of 2020