

Leah Schwartz

Tech Lead Software Developer

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Skilled software developer and problem solver, known for taking ownership of complex challenges and delivering high-quality software solutions. Experienced in managing teams and guiding projects from conception to completion, while ensuring top performance and efficiency.

TECH SUMMARY

Languages: JavaScript, jQuery, Node.js, React, React Native, HTML, CSS, Bootstrap, Java, PHP, Python, C#

Frameworks and Tools: Prisma, .NET, Entity Framework, Laravel, EJS, Sentry, Expo, Sockets, Nginx, GitHub

Databases: MySQL, PostgreSQL, MongoDB, MS Access, SQLite

Skills: App Management, Database Administration, Server Management, Domain Management, Linux, Digital Ocean, AWS

EXPERIENCE

Evelt, Airmont, NY- Tech Lead Software Developer

November 2021 - October 2024

Development

- ✓ **Identified workflow bottlenecks** and implemented a more effective API endpoint using **Node.js**, improving processing efficiency and reducing external API usage by 50%.
- ✓ **Resolved concurrency limits** on an external API by implementing a JavaScript worker thread, prioritizing awaited calls for efficient email processing.
- ✓ **Restructured data validation process** of CSV uploads by engineering an editable React table to enable users to fix errors.
- ✓ **Refactored Node.js API** to incorporate **database transactions**, ensuring data consistency and reliability.

App Development

- ✓ **Conceptualized and developed app** using react native expo and enabled features such as location, push notifications, in-app camera, and file upload. **Researched, priced, and implemented an external API** that enabled a routing feature.
- ✓ Coordinated the entire testing, approval, and deployment process for both IOS and Android.

Server & Database Management

- ✓ **Identified inefficiency** of outdated server and migrated the file server to a new server despite lacking the documentation.
- ✓ Created a new server with detailed documentation on how to recreate it including size, memory requirements, and versions of node/ubuntu/etc. used.
- ✓ Evaluated the needs of each server including backward compatibility, troubleshooting all issues, & publishing updates.
- ✓ **Improved performance of databases** by building test versions, bug testing, evaluating the benefit of triggers vs API logic, and the tradeoff between speed, performance, and accuracy.

Team Leadership & Communication

- ✓ Implemented company-wide **quality control improvements** that resolved crashes on the live sites.
- ✓ **Increased organization efficiency** by allocating tasks, monitoring team progress & leading meetings to resolve issues.
- ✓ Trained, onboarded, and supported new hires to achieve maximum performance.

EDUCATION

- ✓ **Bachelor of Science (BS), Computer Programming & Technology**
Woodmont College | 2025 | Summa Cum Laude | GPA 4.0
- ✓ **Associate of Science (AS), Software & Web Development**
Woodmont College | 2021 | Summa Cum Laude | GPA 4.0