

# Marley Sellem | (Software Engineer)

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## TECHNICAL SKILLS

- Languages: HTML, JavaScript, CSS, Python, EJS
- Frameworks/Libraries: Express.js, Node.js, React.js, Django, Mongoose, Next.js
- Databases: MongoDB, PostgreSQL, Supabase
- Concepts/Patterns: REST, Object Oriented Programming, Agile, Scrum
- Auth: Google OAuth, Passport.js, Supabase Auth
- Other: Git, Github, Trello, Fly.io, Bootstrap, Tailwind, JSON, Vercel

## LANGUAGE SKILLS

- French (native)
- Japanese (limited working proficiency)

## RELEVANT EXPERIENCE

### AI Chatbot Contract- Lead

HTML | CSS | JavaScript | Tailwind | React | Supabase | Vercel | Next.js

- Led the development of an AI chatbot for leadership development
- Collaborated with team members to design and implement features
- Demonstrated expertise in React.js and modern web technologies

### Lamadoro - Creator/Group Member

HTML | CSS | JavaScript | Bootstrap | React Bootstrap | Express | Node.js | MongoDB | Mongoose

- Pomodoro-inspired app with a task manager to more sustainably and efficiently complete goals
- Used MERN-stack and RESTful routing practices to deploy a full CRUD-capable SPA app deployed using Render

### Soundify - Group Project

HTML | CSS | JavaScript | Python | PostgreSQL | Django | Spotify API | Trello | Figma | Google Slides

- Used Spotify's API to create an app that better manages user playlists and opted for a custom frontend design
- As the Scrum Master of this group project, I used Agile methods to ensure that the frontend and backend teams were sufficiently communicating in order to create a seamless product

### Sellem Sitters - Creator

HTML | CSS | JavaScript | Bootstrap | Express | EJS | Node.js | MongoDB | Mongoose | Google OAuth | Passport

- Cat-sitting tracker app for individual use to store customer names, numbers, addresses and associated cats
- Used MEN-stack and RESTful routing practices to deploy a full CRUD-capable app deployed using Fly.io

### Find The Flag - Creator

HTML | CSS | JavaScript | Figma

- Developed this browser-based card-matching game by using conditional logic, creating multiple repeating HTML elements using a for-loop, and toggled an audio clip for ambience during gameplay

## WORK EXPERIENCE

### Clinical Pathologists' Assistant Birmingham, AL

Proteus Genomics

Jan 2022-Feb 2023

- Applied my knowledge of biological sciences and procedures in a microbiology setting and learned company-specific procedures from the ground up
- Daily tasks included processing urine and wound samples
- Individually spear-headed side projects in addition to daily workload

**Pathologists' Assistant Multiple Locations**

Multiple Hospitals (private and academic)

2018-2021

- Used a variety of technologies and equipments to evaluate complex, diseased human tissue for diagnosis
- Excellent communication with doctors, surgeons, and coworkers for a complete and accurate patient report
- Taught residents my craft and collaborated with biobanking techs for research purposes

**EDUCATION****General Assembly****Remote***Software Engineering Immersive**April 2023 - July 2023*

- Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

**West Virginia University****Morgantown, WV**

Masters of Health Sciences: Pathologists' Assistant

2018

**The University of Georgia****Athens, GA**

Bachelors of Science: Biological Sciences

2015