

Mykael Sicard

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TECHNICAL SKILLS

Languages: HTML5, CSS3, Python, JavaScript, Java, Nodejs | **Frameworks/Libraries:** Flask, Jinja2, Bootstrap, React, Tailwind, MaterialUI, SpringBoot, Spring, JSP, Express, Bcrypt, Apache | **Databases:** MySQL, MongoDB | **Tools:** MySQL Workbench, GitHub, Postman, MongoDB Compass, SpringTool Suite, Amazon EC2, Git

TECHNICAL PROJECTS

LFG Website | *Fullstack Developer* | | [Deployed Site](#)

Social networking site for gamers, built with Python/Flask

- Implemented password security with Bcrypt to hash passwords in the database to slow down and discourage any malicious attacks.
- Developed a web application using Flask and Jinja2 for responsiveness to assess and resolve bug issues and support scalability for user to store data for login and registration Created the front-end of the web application using CSS and Bootstrap to achieve a responsive, flexible front-end styling .
- Implemented a SQL database using MySQL for robustness and stability.

Endangered Animals | *Full-stack Developer* | [Deployed Site](#)

An endangered animal awareness website, built with MERN

- Created a user interface using React JavaScript library for component and code reusability, vast library usage, cross-platform support and ui focused designs.
- Implemented a front-end using Tailwind css framework and MaterialUI a react component library for the creation of a responsive design, easy implementation, maintenance of code, and a consistent user experience.
- Developed a backend database using MongoDB and Express.js for flexibility, accessibility and performance.

Expense Tracker | *Full-stack Developer* | [Deployed Site](#)

Expense tracker to help budget money, built with Java/Spring Boot

- Developed a web application using Spring Boot for easy and stable dependency injections.
- Built front-end using JSP for a dynamic and data-driven Java web application.
- Deployed site using amazon EC2 for a scalable and flexible web service.
- Implemented a SQL database using MySQL to create a robust and stable database in order to test and optimize database visualization.

PROFESSIONAL EXPERIENCE

Lifeguard | *ImagineSwimming* | Brooklyn NY

09/20-10/22

- Monitored up to 80 people at a time ensuring the safety of all.
- Worked with a team of 2-5 instructors to ensure the safety of 20+ children at a time

EDUCATION

Coding Dojo | *Full-Stack Developer Certificate* | Online

09-12/2022

- *Immersive Full-Stack Training Program in Python, Java, and MERN*

New Design High | New York, NY

2018-2022

The City College of New York

2022-2026

- Computer Science BS

