

# Evan Loria

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Self-motivated and adaptable developer with a passion for building efficient and scalable solutions. Experienced in TypeScript, Sequelize, and Git, with a strong ability to learn new technologies quickly. Combines technical expertise with strong people skills, excelling in collaborative environments and problem-solving while delivering high-quality code in fast-paced settings.

## Projects

**Flare** | Social engagement app encourages living a more active and connected lifestyle | [github.com/the-full-stack-attack/flare](https://github.com/the-full-stack-attack/flare)

- Used **ESLint** at 100% team adoption to enforce coding standards, along with **TypeScript** for an error-free codebase
- Used Google's **GenerativeAI** to generate weekly user tasks, organized by type (fun, active, normal, duo) & difficulty level
- Utilized **Cron** to automate **SQL** database management, executing 3,704 tasks per week to ensure consistency, timely updates, and system reliability while saving 123+ hours over manual maintenance and reducing errors in data processing
- Integrated **AWS S3** to store image files, saving 500 KB per image stored, enhancing application performance
- Implemented **Tailwind CSS** for styling, reducing **CSS** file size by an estimated 87% and improving page reload times

**Vitality** | Fitness and nutrition tracker to support healthier habits | [github.com/Awesome-Person-Interface/fitness-tracker](https://github.com/Awesome-Person-Interface/fitness-tracker)

- Developed 5+ reusable **React** components, enhancing maintainability & optimizing rendering for improved functionality
- Refactored legacy navigation to **React Router**, reducing routing-related code by an estimated 87% for maintainability and scalability while improving view transitions for a seamless, responsive, and more efficient user experience
- Designed **API** request handlers with reusable helper functions, ensuring cleaner code, better readability, and optimized performance while leveraging **Axios** for efficient API interactions and improved maintainability

**Game Knight** | Board game organizer for collections and planning | [github.com/Awesome-Person-Interface/game-knight](https://github.com/Awesome-Person-Interface/game-knight)

- Leveraged **Webpack** and **Babel** to reduce file sizes, optimize asset delivery, and improve application performance
- Utilized **Mongoose** for efficient schema declaration, built in data validation, and simplified database interactions
- Leveraged **Express.js** for robust backend functionality, including handling and routing API requests from the client
- Styled with **Material-UI** to ensure a consistent and visually appealing user interface across the entire application

## Education

**Operation Spark** | Advanced Software Engineering Immersive Program Apr 2024 - Mar 2025

Fundamentals of JavaScript, Functional Programming and Web Development Level 1

Fundamentals of JavaScript, Functional Programming and Web Development Level 2

Fundamentals of JavaScript, Functional Programming and Web Development Level 3

**Louisiana State University** | Pursued a degree in Civil Engineering Aug 2017 - May 2020

## Work Experience

**Gallo Mechanical** | Asset Technician Sep 2022 - May 2024

Delivered essential tools & materials to multiple job sites across Louisiana, ensuring timely and efficient distribution

Organized and maintained tool warehouse, ensuring proper inventory, accessibility, and job site delivery readiness

**Modesto** | Bartender & Server Jan 2021 - Jul 2022

Managed service while communicating effectively with guests and team members, ensuring an enjoyable dining experience

## Extracurriculars

**Phi Gamma Delta Social Chair** Feb 2019 - May 2020

Organized 15+ events of more than 100 people in Baton Rouge and other cities

**LSU Football Walk-On**

Walked-on to the LSU football team for the spring of 2018