

## Project Overview

**JOINSPOT** is a digital platform designed to connect people through activities and experiences. Whether you're a visitor exploring a new city or a local looking for something to do, Joinspot helps you find and join authentic activities in just a few clicks.

## Problem Statement

People often struggle to discover local activities. Current solutions are fragmented across social media, groups, and word of mouth.

- Visitors want authentic, trustworthy experiences.
- Locals want an easy way to organize and promote activities.

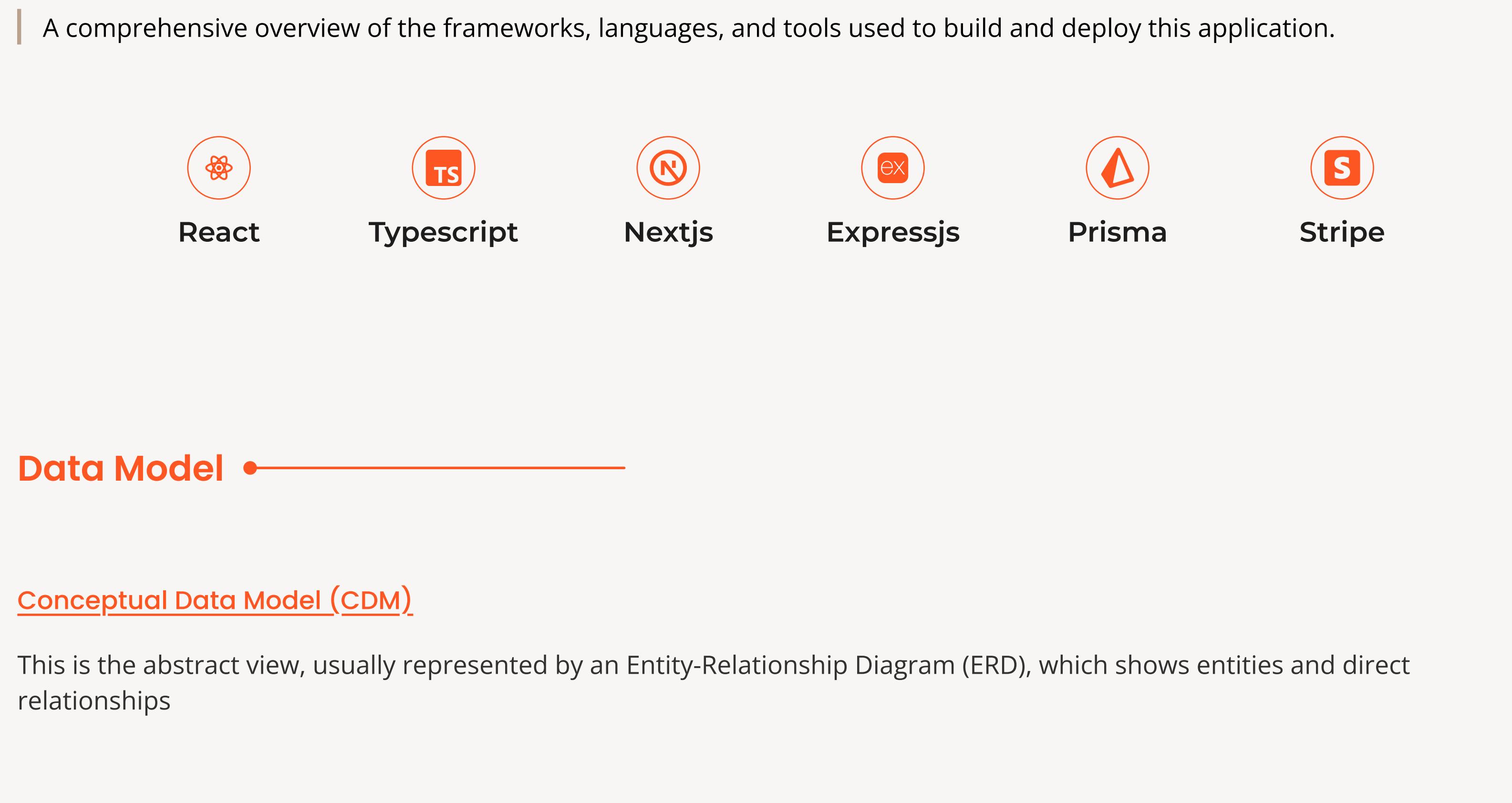
**JOINSPOT** bridges this gap with a centralized and user-friendly platform.

## Solution

- **For Visitors:** Quickly explore activities nearby, filter by type, and join.
- **For Locals:** Create and share activities (free or paid).
- **For Professionals:** Verified accounts for trust + tools to manage paid workshops/events.

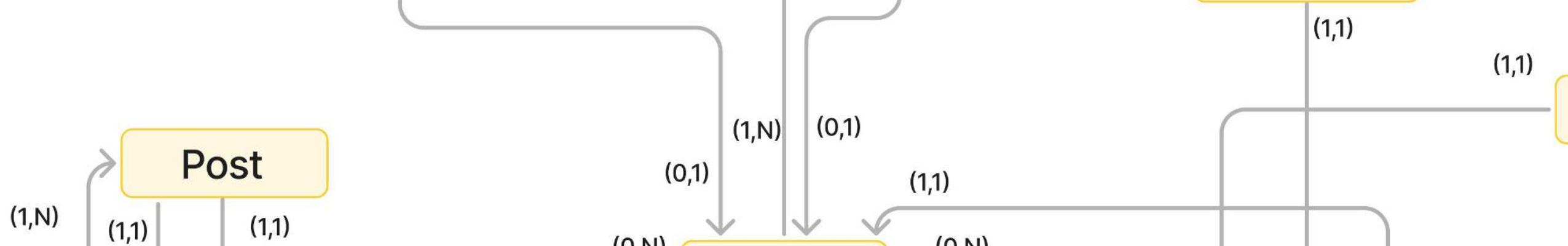
## Site Map

To structure the user experience, I created a site map that outlines the core pages and user flows for **JOINSPOT**. This helped define navigation, prioritize features, and simplify the overall design.



## Tech stack

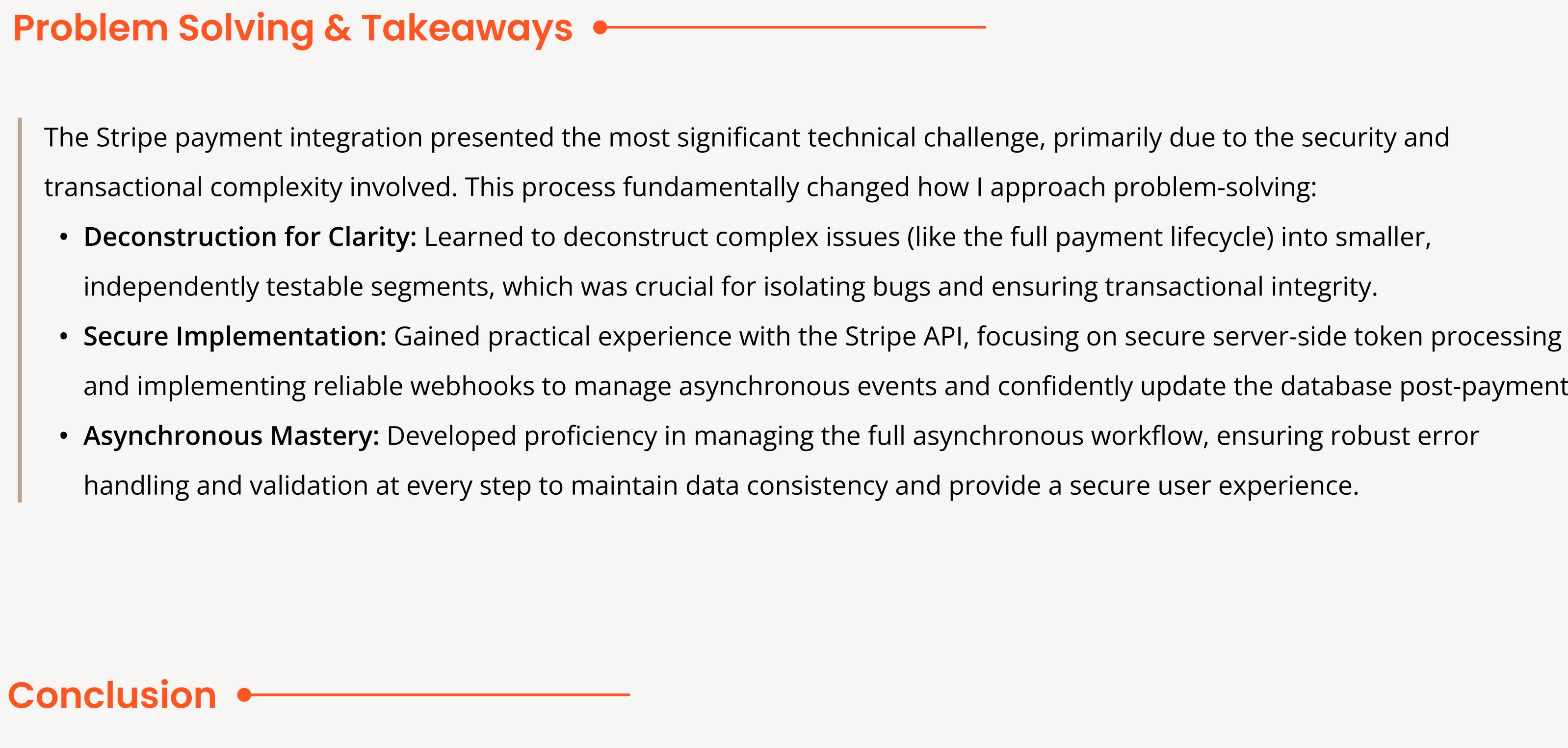
A comprehensive overview of the frameworks, languages, and tools used to build and deploy this application.



## Data Model

### Conceptual Data Model (CDM)

This is the abstract view, usually represented by an Entity-Relationship Diagram (ERD), which shows entities and direct relationships.



## Problem Solving & Takeaways

The Stripe payment integration presented the most significant technical challenge, primarily due to the security and transactional complexity involved. This process fundamentally changed how I approach problem-solving:

- **Deconstruction for Clarity:** Learned to deconstruct complex issues (like the full payment lifecycle) into smaller, independently testable segments, which was crucial for isolating bugs and ensuring transactional integrity.

- **Secure Implementation:** Gained practical experience with the Stripe API, focusing on secure server-side token processing and implementing reliable webhooks to manage asynchronous events and confidently update the database post-payment.

- **Asynchronous Mastery:** Developed proficiency in managing the full asynchronous workflow, ensuring robust error handling and validation at every step to maintain data consistency and provide a secure user experience.

## Conclusion

**JOINSPOT** is a full-stack platform engineered to facilitate direct connections between individuals and curated, authentic local activities. The application's core technical objective is to provide a seamless, robust, and secure interface for event discovery, user-to-user interaction, and professional workshop booking. This is achieved by centralizing complex data, including user profiles, event metadata, and transaction records, into a unified system.

