

Day 15 – July 4, 2025

Topic: AI Integration in Web Applications

Introduction

Today I integrated ML models into my React app for real-time predictions.

Techniques

- Created a REST API in Node.js to serve ML predictions.
- Connected React front-end to ML API.

Example

```
fetch('/predict', {method: 'POST', body:
JSON.stringify(data)})
.then(res => res.json())
.then(result => console.log(result));
```

Challenges Faced

- Handling asynchronous API calls.
- Deploying ML model for inference.

Key Learnings

- Full-stack AI integration connects front-end, back-end, and ML efficiently.

Conclusion / Reflection

It was exciting to see AI predictions in the app. I'll continue optimizing model performance.
