

# Thomas Maher

Norwalk, CT • 203-246-5155

t.maher621@gmail.com

Portfolio • [trm621.github.io/thomas-maher-portfolio](https://trm621.github.io/thomas-maher-portfolio)

LinkedIn • [linkedin.com/in/tom-maher-0b3615217](https://linkedin.com/in/tom-maher-0b3615217)

GitHub • [github.com/trm621](https://github.com/trm621)

## SOFTWARE ENGINEER

Full Stack Software Engineer with 3+ years of professional experience building and integrating production-scale web applications. Strong background in UI engineering, cross-framework integration, and RESTful API development. Experienced working in Agile Scrum teams delivering high-impact features under tight deadlines.

## TECHNICAL SKILLS

**Languages & Databases:** JavaScript, TypeScript, MySQL, MongoDB

**Frontend:** React, Angular, Ember

**Backend:** Node.js, Express.js, REST APIs

**Concepts & Tools:** SDLC, Agile/Scrum, OOP, Third-Party API Integration, Git

## PROFESSIONAL EXPERIENCE

### Yahoo! — Software Development Engineer (Remote)

August 2022 – March 2025

- Delivered production UI features for Yahoo Store and Yahoo DSP advertising platforms serving enterprise clients.
- Worked on integrating a large-scale Angular Order Management System into an existing Ember-based DSP application within a six-person Scrum team, meeting aggressive release deadlines.
- Refactored and modularized legacy Ember code to support cross-framework interoperability and improve maintainability.
- Designed and implemented data flows between frontend applications and Salesforce services for contract creation, order lifecycle management, and billing workflows.
- Collaborated cross-functionally with backend engineers, product managers, and QA to define requirements, reduce defects, and ensure stable production releases.
- Participated in sprint planning, technical design discussions, and code reviews to uphold code quality and architectural consistency.

## PROJECTS

### Trail Talk | MERN Stack Social Media Application

MongoDB, Express.js, React, Node.js

GitHub: <https://github.com/trm621/national-park-social-app>

Deployed Site: <https://national-park-social-app-afnj.onrender.com/>

- Built and deployed a full-stack social platform with authentication, friend relationships, and CRUD-based posting functionality.
  - Designed RESTful APIs and structured MongoDB schemas for scalable data management.
  - Developed responsive React components and implemented end-to-end feature integration.
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### Social Media Backend | RESTful API

Node.js, Express, MongoDB, Mongoose

GitHub: <https://github.com/trm621/nosql-social-media>

Video Demo: [https://drive.google.com/file/d/1C7LYEPqrVAdgQB5yhCVViQA1md7CZTnq/view?usp=drive\\_link](https://drive.google.com/file/d/1C7LYEPqrVAdgQB5yhCVViQA1md7CZTnq/view?usp=drive_link)

- Engineered a scalable REST API with full CRUD operations and relational NoSQL modeling.
  - Implemented embedded subdocuments, virtual fields, and schema validation using Mongoose.
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### Offline-First Budget Tracker | Progressive Web App

Node.js, Express, MongoDB, IndexedDB, Service Workers

GitHub: <https://github.com/trm621/budget-tracker>

Deployed Site: <https://budget-tracker-dugf.onrender.com/>

- Developed a full-stack PWA supporting offline transaction tracking and background data synchronization.
- Designed secure REST endpoints and implemented client-side persistence using IndexedDB.

## EDUCATION

### Full-Stack Web Development Certificate

University of Connecticut School of Engineering — 2022

### B.A. Writing, Minor in English

Ithaca College — 2015