

# DANIEL MATHEWS

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## FULLSTACK DEVELOPER

Full-stack developer with a broad background in business operations and enthusiasm for innovation through technology. Driven by a passion for continuous learning, imaginative problem solving, and building strong relationships

## TECHNICAL & INTERPERSONAL SKILLS

**Languages:** JavaScript, TypeScript, Python, HTML5, CSS3

**Libraries and Frameworks:** React, Node, Express, Next.js, Sequelize, Mongoose

**Databases and other:** PostgreSQL, MongoDB, RESTful Routing, Postman, JSON API

**Interpersonal skills:** Attention to detail, team management, excellent verbal and written communication skills

## TECHNICAL PROJECTS

**NewsLingo** - [GitHub](#) | [App](#) – JavaScript | React | MongoDB | Node.js | Express.js | RESTful API | JWT

*An interactive language learning platform that connects students with news articles in their target language, provides word translations on demand, and allows users to easily store word translations in their custom dictionary of flashcards*

- In collaboration with two other engineers, built MERN stack app, utilized React to build reusable components for consistent user experience and a mobile-first, Flexbox design
- Implemented JSON Web Token authorization and authentication to protect users' data on the app
- Connected to multiple APIs for dynamic sourcing of news articles and translating words with a single click
- Scrum managed team to deliver features in iterative sprints within the Agile framework while preventing merge conflicts

**RabbitHole** - [GitHub](#) | [App](#) - TypeScript | React | PostgreSQL | Node.js | Express.js | RESTful API | JWT

*Social media application that serves content to users based on their history of viewing or liking prior posts. An exercise in exploring how social media algorithms learn and adapt to their users' inputs*

- Independently created, styled, and built a PERN stack app in TypeScript with JWT
- Leveraged Sequelize to create and maintain PostgreSQL database in Supabase

**Trail Rider** - [GitHub](#) | [App](#) – JavaScript | MongoDB | Node.js | Express.js | EJS

*Web-based application that structures client requests via forms for collecting required data, alerts the business to the request, and presents the business with an interactive database for scheduling, managing, and tracking appointments*

- Independently created, styled, and built a MEN stack app to help a local business manage client appointment bookings
- Leveraged Google OAuth to secure access to the application and create three tiers (admin, staff, client) of authorization within the app

**Wordle: Easter Edition** - [GitHub](#) | [App](#) - JavaScript | HTML | CSS3

*Holiday-themed clone of the popular web-based game owned by the New York Times*

- Created and styled responsive application using CSS3 with Flexbox and Flexgrid layouts
- Utilized timers and intervals to render hints based on an algorithm that evaluates the accuracy of inputs at each turn

## EXPERIENCE

**Bank of New York Mellon, Vice President – Business/Technology Liaison**

*New York, NY, 04/2021 - Present*

- Design, plan and execute technology innovation programs from requirement writing, solution review, testing, and implementation using Agile framework
- Deliver automated solutions to address top client demands for new features and service offerings
- Executed multi-year program to overhaul firmwide Foreign Exchange trade booking practices by internal operations teams

**General Assembly, Full Stack Software Engineering Fellow**

*Remote, 03/2023 - 06/2023*

- Intensive training in web development that led to 3 full-stack apps with Node/Express frameworks, SQL (PostgreSQL) or NoSQL (MongoDB) backend architectures, REST services, and API integrations
- Developed responsive, intuitive, and interactive UIs using object-oriented programming (Python, ES6+ JavaScript)
- Coordinated a team of engineers to write clean, maintainable, and scalable code adhering to industry best practices

**Goldman Sachs, & Co., Vice President – Asset Servicing Client Service**

*New York, NY, 03/2014 - 03/2020*

- Managed a team of 8 Relationship Managers, covering the Americas' client base in all aspects of operations
- Collaborated with prod dev to prioritize, design, and implement technology that ensures excellent client experiences

## EDUCATION

**General Assembly**

*Remote, Graduated: 06/2023*

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies

**Marymount Manhattan College, B.A. in International Studies**

*New York, NY, Graduated: 05/2008*