

Matthew Nicholson

Software Developer | Full-Stack Developer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Technical Skills

Programming Languages: JavaScript, TypeScript, Java, Python, Structured Query Language (SQL), MongoDB

Web Technologies:

Next.js, React.js, GraphQL, Redux, Spring Boot, Flask, Tailwind CSS, Express.js, Node.js, CMS Technology, HTML, Cascading Style Sheets (CSS), Sass (SCSS), Java Spring Boot, Spring JPA, PostgreSQL, MySQL, Playwright

Cloud Technologies: AWS Elastic Beanstalk, AWS S3 Buckets, Vercel, Google Firebase, Render, Git

Work Experience

Full-Stack Developer

[On The Glow Up Media](#) | 11/2022 to 07/2024

- Created the primary company website to share information and showcase past projects, aiming to attract potential clients and foster future business opportunities.
- Developed client websites from Figma designs using Next.js with server-side rendering (SSR), improving Google PageSpeed scores from 45 to a 95 lighthouse score.
- Utilized component libraries like Bootstrap and ShadCN to optimize the codebase, creating more readable code and producing an increase from a 70 in website accessibility to 95 accessibility based on Google PageSpeed.
- Wrote project documentation that provided clients with clear instructions on the codebase that led to a better developer experience.
- Integrated three headless CMS technologies (Contentful, Builder.io, and Sanity), giving clients the ability to create personalized posts and updates to their website.
- Developed API end-points to store users data using different backend query languages like NoSQL (MongoDB) and Structured Query Language (SQL) alongside with Prisma ORM.

Projects

Kanban Project

[Website Link](#) | [GitHub](#)

Tech: Next.js (React Framework), MongoDB, Prisma, Context API (State Management), Next Auth, Tailwind CSS, Git

- Implemented custom user authentication using NextAuth, enabling secure login with CSRF protection.
- Utilized tailwind to minimize files in the codebase sharing JSX and their styles on the same file.
- Integrated MongoDB and Prisma to build a REST API, enabling seamless communication between the front and back end.

Where Da Gas At

[Walkthrough Video](#) | [Website Link](#) | [GitHub](#)

Tech: React.js, Python Flask, Pipenv, Context API (State Management), Git, Google Maps API

- Developed comprehensive documentation on the Google Maps API to assist the team with frontend setup.
- Designed and implemented the UI using Figma, React, HTML, and CSS.
- Used Python Flask for scraping data from Google's API of nearby gas stations for each user.

Finance Tracker

[Walkthrough Video](#) | [Website Link](#) | [GitHub](#)

Tech: Next.js (React Framework), Tailwind CSS, Prisma, Postgresql, ShadCn UI, Tanstack React Table, NextAuth Git

- Focused on accessibility by making sure forms and interactive cards are built with correct ARIA labels.
- Paired Prisma with a PostgreSQL database for easy communication to the front end.
- Maintain utils folder with CRUD functions for reusability speeding up the development time.
- Created a dynamic form using custom hooks reducing the amount of code needed on individual files.

EDUCATION

Software Engineering | App Academy | 07/2024 to 01/2025

Full-Stack Engineering | Codecademy | 11/2022 to 12/2023