

# Matthew Nicholson

## Software Developer | Full-Stack Developer | Frontend Developer

Sammamish, WA 98075 | +1 (214) 686-2506 | thematthewnicholson@gmail.com

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

### Technical Skills

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

**Web Technologies:** Next.js, React.js, Angular, Flask, REST Architecture, GraphQL, Redux, Tailwind CSS, Express.js, Node.js, Java Spring Boot, Headless CMS (Sanity.io, Builder.io, Contentful)

**Cloud Technologies:** AWS, Vercel, GCP (Google Cloud Provider), Docker, Google Firebase, MongoDB

### Work Experience

#### Front-End Developer

[AZ Warrior](#) | Contract | 01/2025 to 03/2025

**Tech:** Next.js (React Framework), Resend, React Email, Sanity.io (Headless CMS), Tailwind CSS

- Integrated Sanity CMS, enabling clients to update content without coding, reducing content update time by 95%.
- Automated lead generation emails via Resend and React Email, generating real time notifications.
- Refactored form logic to reusable components, improving code maintainability and reducing duplication by 80%.
- Optimized website performance, boosting SEO scores from 75 to 95 using Next.js and Vercel.

#### Full-Stack Developer

[On The Glow Up Media](#) | Contract | 11/2023 to 07/2024

- Developed client websites with Next.js, increasing Google PageSpeed Scores from 45 to 95.
- Implemented component-based architecture with ShadCN, improving accessibility scores from 70-95.
- Integrated multiple headless CMS platforms (Sanity, Builder.io, Contentful), enhancing website personalization.
- Focused on API development creating end-points to store users data using different backend query languages like NoSQL (MongoDB) and Structured Query Language (SQL) alongside with Prisma ORM.

#### Project Manager

[On The Glow Up Media](#) | Contract | 06/2019 to 11/2023

- Managed cross-functional teams using Notion's Kanban boards to oversee tasks related to graphics, video production, and web development.
- Developed brand guidelines for businesses, ensuring consistent brand identity across digital platforms.
- Bridged communication between developers and non-technical stakeholders, simplifying technical concepts into actionable insights.
- Oversaw software projects from ideation to launch, gaining expertise in software development lifecycle (SDLC).

### Projects

#### Stem Splitter

[Website Link](#) | [GitHub Backend](#) | [GitHub Front End](#)

**Tech:** Google Cloud Run, Demucs, FFmpeg, Pytorch, Docker, Next.js (React Framework)

- Deployed a pre-trained AI model on Google Cloud Run to split an audio track into 2 to 4 stems, optimizing performance and reducing computing costs with a serverless function.
- Optimized the upload workflow by batching requests into discrete events to prevent timeouts, using Vercel Blobs for efficient client-side uploads and AWS S3 for scalable server-side storage.

#### Finance Tracker

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

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

- 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.

### EDUCATION

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

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