


Nic Blaize

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About Me

As someone transitioning into software development, I bring a fresh perspective rooted in curiosity, adaptability, and a passion for solving real-world problems. My background in customer service — drawn from both my experience in retail and as an electrician — has equipped me with strong communication, problem-solving, and collaboration skills. I've developed the ability to understand user needs, resolve conflicts, and deliver solutions that prioritize clarity and accessibility. I thrive in cross-functional environments, where I consistently demonstrate the ability to learn quickly, adapt to new technologies, and contribute to mission-driven teams. My goal is to grow in a mentorship-driven environment where I can create innovative projects that prioritize accessibility, performance, and meaningful impact.

Technical Skills

Languages & Tools

HTML5, CSS3
JavaScript (ES6+), TypeScript, Python

Frameworks & Libraries

React.js, Next.js, Three.js
Node.js, Express.js

Databases

SQL (PostgreSQL)
NoSQL (MongoDB)

Development & Deployment

Vite, Docker
REST/GraphQL APIs
CI/CD (GitHub Actions)
Netlify/Render

Testing

Cypress (E2E/unit tests)
Postman/Insomnia

Other

JWT
Unix/Linux CLI
AI/LLM prompt generation

Projects

Cosmo Commute

[Live](#) [Code](#)

- A space-themed platform leveraging NASA APIs to provide real-time updates on recent space weather events and estimate interplanetary travel times based on scientific data.
- Developed a full-stack application with React for the frontend and Express/PostgreSQL with Sequelize for backend data management, incorporating JWT-based authentication for secure user access.
 - Engineered dynamic 3D planetary visualizations using Three.js to provide an immersive representation of interplanetary travel.
 - Collaborated effectively with team members through both synchronous and asynchronous communication to deliver a minimum viable product (MVP) on schedule.

TomeTrove (Book Search Engine)

[Live](#) [Code](#)

- A book search platform leveraging the Google Books API to enable users to discover, save, and organize their reading collections efficiently.
- Solo project converting an existing REST API to GraphQL using Apollo Server and Express, enabling more flexible and efficient data fetching.
 - Designed a GraphQL schema that streamlined client requests by eliminating redundant data retrieval and reducing over-fetching.
 - Deployed the application on Render and resolved environment variable configuration issues to ensure seamless functionality during deployment.

Arceust Era

Live Code

A collaborative Pokémon party builder game built with GraphQL to manage dynamic data and enable real-time user interactions.

- Engineered the party page logic and implemented front-end GraphQL mutations to enable dynamic user interactions and real-time data updates.
- Collaborated with teammates on styling consistency and multi-user state management to ensure seamless cross-device functionality.
- Authored project documentation to streamline onboarding and resolved merge conflicts to maintain code integrity during development.

Relevant Leadership/Community Experience

YouTube Moderator

May 2022 – August 2022

The Young Turks

- Moderated live chats for an (at the time) 5.2M-subscriber YouTube channel, fostering respectful discourse through progressive values and moderation tools.
- Collaborated with other moderators to resolve conflicts and uphold community standards while staying aligned with team goals through regular meetings and policy updates.
- Modeled inclusive and progressive ideals, driving engagement and maintaining a safe, welcoming environment for all users.

Founder/Organizer

May 2015 – May 2019

RMPH

- Founded and led an alternative lifestyle community group, fostering connections through in-person meet-ups and online platforms.
- Led community representation such as participation in three consecutive Denver PrideFest events.

Education

Full-Stack Web Development Certificate

University of Minnesota Minneapolis, MN | Completed March 2025

Gained proficiency with full-stack development using MERN stack technologies (React, Express.js, MongoDB, Node.js), applying agile methodologies in both collaborative team projects and solo work. Built and delivered real-world applications with hands-on experience in problem-solving and project execution.

Electrician Apprenticeship

Independent Electrical Contractors, Rocky Mountain

Northglenn, CO

High School Diploma

Durango High School

Durango, CO