

Michael Ng Cen

New York, NY | michaelngcen@yahoo.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Queens College

Bachelor of Arts in Computer Science & Economics; GPA: 3.2/4.0

Aug 2020 - Jun 2025 (Expected)

Queens, NY

WORK EXPERIENCE

Ngcen LLC

Owner

Jun 2020 - Present

New York, NY

- Reduced inventory costs by 14% via strategic supplier relationships; utilized market trend analysis, BATNA negotiation, and Excel for precise decision-making.
- Generated \$100K in annual revenue through strategic reselling techniques such as bulk purchasing discounts and cross-selling complementary items; leveraged Tableau to identify high-potential products and optimize pricing strategies.

Frontend Simplified

Software Engineer Intern

Jul 2023 - Jul 2023

New York, NY

- Revamped a static HTML, CSS, JavaScript, and React-based app with animations, transitions, and carousels, resulting in a 10% increase in user engagement and a 30% decrease in bounce rates, in collaboration with frontend and UX/UI teams.
- Reduced data fetch times by 30% by processing API requests with Axios to dynamically represent cloud server data through skeleton loading states, pagination, and dynamic routing.
- Improved virtual team code collaboration and reduced merge conflicts utilizing Git version control and GitHub.

PROJECTS

Twicify-2 (React, Next.js, Supabase, Tailwind) [Live](#) | [GitHub](#)

Jun 2023 - Jun 2023

Full-stack Spotify clone allowing logged-in users to listen to music uploaded by themselves or other users

- Enhanced user authentication experience with a custom modal component in React and Supabase client, ensuring secure and seamless sign-up/sign-in processes.
- Implemented frontend React components, providing users with forms to upload music easily, featuring drag-and-drop functionality and real-time upload progress indicators.
- Built a dynamic player component in React with playlist integration, skip/back button, and volume control to enhance users' audio playback experience.

Nwflxs (MongoDB, React, Next.js, Prisma DB) [Live](#) | [GitHub](#)

May 2023 - Jun 2023

Full-stack Netflix clone for watching music videos allows logged-in users to add and remove videos from "My List"

- Engineered custom hooks for precise state management, including user preferences like "My List" and authentication.
- Integrated external icons for intuitive play, pause, skip, and rating actions, amplifying functionality, and user interaction.
- Enhanced app performance by utilizing useMemo to cut component load time by 200ms for favorite video calculation.
- Engineered a responsive and interactive MovieCard component in React, featuring hover effects and clickable elements.

Task-It (MongoDB, Express, React, Redux, Node.js, Socket.io) [Live](#) | [GitHub](#)

Aug 2022 - Sep 2022

Web application for team-based project management, featuring task creation, live chat, and project status visualization

- Managed component state to enhance code reusability and streamline workflows using React Hooks.
- Designed a visually appealing logo using Adobe Illustrator to enhance brand identity and increase user engagement.
- Reduced debugging time through coordinated team sessions, and utilized GitHub pull requests for code review/integration.

Twicify (Ruby on Rails, React, Redux, AWS) [Live](#) | [GitHub](#)

Jul 2022 - Aug 2022

Full-stack clone of Spotify where logged-in users can listen to music and manage playlists

- Optimized app responsiveness using state management, AJAX handling, and React lifecycles, resulting in 10% lower bounce rates and 15% faster page loads; alongside React components with autocomplete suggestions, and real-time validation checks.
- Streamlined image and song management with AWS S3 and Rails Active Storage integration, resulting in faster load times.

SKILLS

Languages: JavaScript, Ruby, SQL, HTML5, CSS3, TypeScript, C++, Java

Frameworks/Libraries: React, Redux, Ruby on Rails, jQuery, Node.js, Express, Mongoose

Tools/Technologies: Prisma, Supabase, Tailwind, MongoDB, AWS, Git, GitHub, Microsoft Office, Google Workspace

Certifications: Full-Stack Web Development Course (App Academy), Leading with Finance (Harvard Business School Online)