

Gareth Ng

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TECHNICAL SKILLS

Frontend: React, Next.js, JavaScript, TypeScript, HTML, CSS, Redux

Backend: Firebase, PostgreSQL, Express, Algolia

EXPERIENCE

Redraft - Screenwriting App <https://garethng.com/work/redraft>

- Created an online text editor with the ability to create virtual note cards, notes, and screenplays
- Improved accessibility by optimizing screen-reader and keyboard use
- Added autocomplete and auto-formatting to streamline writing process
- Adheres to specific screenwriting formatting and exports to a PDF file

Voyager - Travel Blog Writing App <https://garethng.com/work/voyager>

- Designed full-scale web app that allows users to create profiles, share travel experiences, and get inspiration for future trips
- Protected user information with Firebase security rules
- Created server-side Cloud Functions to verify data and perform updates across entire database
- Incorporated full-text search with Algolia for fast searches across all content

CubeClock - Rubik's Cube Puzzle Timer <https://garethng.com/work/cubeclock>

- Gathered user feedback in all phases of development to design app features and to enhance user experience
- Leveraged Progressive Web App technology to allow offline access and use
- Strengthened security by hashing and salting passwords before storing in a PostgreSQL database

Cinematography Portfolio - Personal Portfolio <https://garethng.com/work/cinematography>

- Achieved Google Lighthouse scores of: 'Performance' 97, 'Accessibility' 94, 'Best Practices' 100, 'SEO' 100
- Integrated Flickr API to store and display photos
- Architected design with Figma
- Created individual work pages with CSS Grid

PREVIOUS EMPLOYMENT

Cinematographer and camera assistant

June 2019 – April 2020

Los Angeles, CA

- As cinematographer: collaborated with directors and crew members to shoot music videos and short films
- As camera assistant: communicated with other assistants to keep cameras running and maintained

EDUCATION

Bachelor of Science, Accounting

August 2016 - May 2019

Pennsylvania State University, State College, PA