Makoi Gacula

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Objective

To take on a full-time position as a frontend engineer to develop and maintain elegant and engaging user interfaces. Seeking an opportunity to leverage my skills in frontend web technologies to tackle unique problems and build impactful software experiences.

Education

Bachelor of Science in Computer Science   **Degree Received:** May 2021
California State University, Long Beach

Relevant Coursework: User Interface Design, Data Structures & Algorithms, Object-Oriented Programming, Software Development with Frameworks, Database Fundamentals

Projects

MySpotifyInsights
- Created an intuitive web app with React and Flask that allows users to view personal Spotify data such as top tracks, artists, audio features, and gives recommendations via Spotify API
- Used Chart.js to create dynamic and interactive graphs to display audio features of songs and playlists
- Led a team of 4 to design, develop, and test a semester-long software project
- Spearheaded project management and team collaboration on application mockups with Figma
- Implemented over 60% of frontend and API integration, recorded via GitHub contribution statistics

XCAPE
- Leveraged static site generator GatsbyJS with React to build a travel agency website
- Integrated React Styled-Components to bridge the gap between components and CSS
- Optimized images by implementing GraphQL queries to maximize site performance

Unsplash Photo Gallery
- Developed a responsive Single Page Application that integrates infinite scrolling built with React
- Fetched and handled JSON data via Unsplash REST API to populate images in a responsive grid UI

COLORS
- Built a clean and responsive landing page with HTML, Sass, and JavaScript
- Developed a modern UI utilizing SCSS styling, CSS Grid, Flexbox, and JavaScript

Portfolio Site
- Developed a simple web portfolio from scratch to sharpen HTML, CSS, and JavaScript skills
- Fully responsive and styled with modern SCSS

Skills

- **Programming Languages:** HTML5, CSS3/Sass, JavaScript (ES6), TypeScript, GraphQL, Java, Python, SQL
- **Frameworks & Libraries:** React, Styled-Components, TailwindCSS, Chart.js, GatsbyJS, GSAP, Bootstrap
- **Tools & Platforms:** Git, Netlify, Visual Studio Code, Heroku, Figma