Makoi Gacula

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Objective

To obtain a full-time position as a frontend engineer to develop and maintain elegant and engaging user interfaces

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, Chart.js, GatsbyJS, GSAP, Bootstrap
- **Tools & Platforms:** Git, Netlify, Visual Studio Code, Heroku, Figma