Makoi Gacula

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Education

Bachelor of Science in Computer Science May 2021
California State University, Long Beach, CA GPA: 3.3

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

Personal Projects

MySpotifyInsights
- Used React, Python, and Flask to create an intuitive large-scale web application that allows users to view personal Spotify statistics such as top tracks, artists, audio features, and also give recommendations based 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 as project manager and lead frontend developer on a semester-long project
- Spearheaded project management and collaborated on application mockups with Figma
- Wrote over 70% of frontend code and web API integration

XCAPE
- Used React and static site generator Gatsby to build a website for a made-up travel agency
- Integrated React styled-components to bridge the gap between components and CSS
- Optimized images by implementing GraphQL queries, improving performance by 25%

Unsplash Photo Search Gallery
- Used React to build a Unsplash photo search web application that uses infinite scrolling
- Fetched and handled JSON data via Unsplash REST API to populate images in a responsive grid UI

COLORS
- Used HTML, Sass, and JavaScript to build a clean and responsive landing page site
- Developed a modern UI utilizing SCSS styling, CSS Grid, Flexbox, and JavaScript

Portfolio Site
- Used HTML, Sass, and JavaScript to build a portfolio site to showcase my web projects
- Developed from scratch in order to sharpen my HTML, CSS, and JavaScript skills

Skills

- **Languages:** HTML5, CSS3/Sass, JavaScript (ES6), TypeScript, GraphQL, Java, Python, SQL
- **Frameworks & Libraries:** React, Styled-Components, Gatsby, Bootstrap
- **Tools & Platforms:** Git, Netlify, Visual Studio Code, Heroku, Figma
- Strong communication skills in articulating technical problems and solutions to non-technical individuals
- Ability to effectively problem solve and perform well under high pressure situations
- Excellent time management and highly organized with any given task