

Makoi Gacula

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Education

California State University, Long Beach

Graduated: May 2021

B.S. Computer Science

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

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, top artists, audio features, and also give recommendations based on their music taste
- Led a team of 4 as project manager and lead frontend developer. Collaborated with other students on app prototyping and development
- Gained experience in building a full-stack application with an extensive backend API integration

[XCAPE](#)

- Used React, Gatsby, and GraphQL to build a website for an imagined travel agency company
- Bridged the gap between components and CSS by using the Styled-Components library
- Implemented GraphQL queries to produce optimized images, improving performance by 25%

[Unsplash Photo Search Gallery](#)

- Used React to build web application that displays images upon user search via Unsplash API
- Fetched and handled data from the Unsplash REST API to retrieve user data such as image, profile picture, likes, and portfolio URL

[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

[OnABudget](#)

- Used HTML, Bootstrap, and Vanilla JavaScript to build a responsive web application to assist users in monthly budget tracking
- Developed using the JavaScript Module Design Pattern. Implemented modules to encapsulate application state and hide private data

Skills & Abilities

- **Languages:** HTML5, CSS3/Sass, JavaScript (ES6), TypeScript, GraphQL, Java, Python, SQL
- **Frameworks & Libraries:** React, Styled-Components, Gatsby, Bootstrap
- **Tools & Platforms:** Git/GitHub, Netlify, Visual Studio Code, Heroku, Figma
- Strong verbal and written communication skills in articulating technical problems and solutions to non-technical individuals
- Able to effectively problem solve and make conscious decisions under high circumstances
- Familiar with SCRUM and Agile methodologies