

# Makoi Gacula

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## Objective

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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

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### Bachelor of Science in Computer Science

California State University, Long Beach

2017 - 2021

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

## Projects

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### 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 personalized music 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 plan, design, develop, and test a semester-long software application 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

### SFCarRental

- Built a full-stack web application with React/Redux and NestJS that serves as website for a car rental company
- Fetched top cars from MySQL database using the Apollo Client GraphQL API with React
- Integrated TypeORM entity mapping with cars database using TypeScript and NestJS

### 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

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- **Programming Languages:** HTML5, CSS3/Sass, JavaScript (ES6), TypeScript, GraphQL, Node.js, Python, SQL
- **Frameworks & Libraries:** React, Redux, Styled-Components, Tailwind CSS, Chart.js, NestJS, Express.js, GatsbyJS
- **Tools & Platforms:** Git, Netlify, Visual Studio Code, Heroku, Figma