# Denise Lara

*Frontend Developer*

## Contact

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- Github: https://github.com/DeniseLara

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## Resume

Self-taught Frontend Developer with one year of experience and 4 months building personal projects. Proficient in HTML, CSS, JavaScript, and React, with a passion for creating functional, responsive, and visually appealing applications. Eager to join collaborative teams and contribute to impactful projects.

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## Skills

- **Frontend:** HTML, CSS, JavaScript, React

- **Tools & Technologies:** Vite, npm, Node.js, Firebase, VSCode

- **Operating System:** Linux

- **Version Control:** Git, Github

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## Projects

1. **Portfolio Web (Personal)**
   A personal portfolio website designed to showcase my web development skills and projects in a clean and professional manner.

   *Key Features*

   - *Projects Section:* A Flexbox of cards showcasing my key projects, with descriptions, technologies used, and links to live demos.

   - *Animations:* Smooth animations and hover effects on buttons, cards, and navigation elements to create an engaging user experience.

   - *Responsive Design:* Fully optimized for both desktop and mobile devices, ensuring a seamless experience across all screen sizes.

**Technical Challenges and Solutions**

- *Challenge:* Ensuring smooth animations without affecting page performance.
  *Solution:* Used lightweight CSS animations and optimized JavaScript to minimize rendering delays.

- *Challenge:* Making the site fully responsive for various screen sizes.
  *Solution:* Implemented media queries and flexible layouts using CSS Flexbox.

**Technologies and Tools**

- *Frontend:* HTML, CSS, JavaScript

- *Backend:* Python

- *Deployment:* Render

- *Version Control:* Git, GitHub

1. **CaloriePro (Personal)**
   A web application designed to help users track their daily calorie intake and maintain a healthy lifestyle.

*Key Features*

- *User Authentication:* Secure login and registration system with personalized dashboards for each user.

- *Real-Time Calorie Tracking:* Users can log food items, and the app automatically calculates and updates their daily calorie count in real-time.

- *Daily Reset Feature:* Automatically resets calorie intake and clears the history at midnight to ensure a fresh start each day.

- *Responsive Design:* Fully responsive layout optimized for both desktop and mobile devices.

- *Integration with Edamam API*: Fetches accurate nutritional data for a wide range of food items.

### *Technical Challenges and Solutions*

- *Challenge*: Optimizing database queries to handle large datasets efficiently. *Solution:* Implemented indexing in Firebase and reduced the number of redundant API calls.

- *Challenge:* Ensuring real-time updates without compromising performance. Solution: Used React's state management and Firestore's real-time listeners to provide seamless updates.

### *Technologies and Tools*

- *Frontend:* HTML, CSS, JavaScript, React, Vite

- *Backend:* Node.js, Python

- *Database:* Firebase/Firestore

- *API Integration:* Edamam API

- *Package Management:* npm

- *Deployment:* Render

- *Version Control:* Git, Github

### *Status:*
Currently in active development.

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### Languages

- *Spanish:* Native

- *English:* Intermediate

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### Additional Information
I am a fast learner with a strong passion for continuously improving my skills in web development. I enjoy taking on new challenges and thrive in dynamic environments.